Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas

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'Shift into high gear and stay there, and that's not enough'

American ag future is bullish

EDITOR'S NOTE: The following are excerpts from a speech given recently by Richard L. Feltner, assistant secretary for Marketing and Consumer Services, USDA, before the American Society of Farm Managers and Rural Appraisers, Inc.

ST. LOUIS, Mo. - A few weeks ago, a 143-acre farm in north central Illinois sold for $3,925 an acre. It was a record for the area and one of the highest prices ever paid for farm land in the Midwest.

The price tag tells more than thousands of words and pictures about American agriculture in the last quarter of the 20th Century. It is evidence of the successes of the past and of the immense potenital ahead. Most important, farm land selling at that price - a figure which corresponds to the national average net farm operator income a decade ago - indicates:

"Agriculture will be page 1 news for a long time to come."

For American agriculture, the future is bullish.

In a world of uncertainty, that means a lot. We can face the future with faith because of our achievements. All of us know how the American farmer has harnessed science and technology to make better use of his resources. We have seen the record harvests; the new confidence and freedom in agriculture brought about by market-oriented farm policies.

American agriculture has what it takes to provide a bountiful supply of food to the 216 million people of our land, and millions more people abroad - today and tomorrow.

Rising consumer incomes in this world of 4 billion persons - headed for 2 to 3 billion more by the year 2000 - inevitably will boost the demand by leaps and bounds for more and better quality food.

This phenomenon, often known as the race between the plow and the stork, will have a profound effect on American agriculture in the years ahead. We've seen only the beginning. For a measure of significance,

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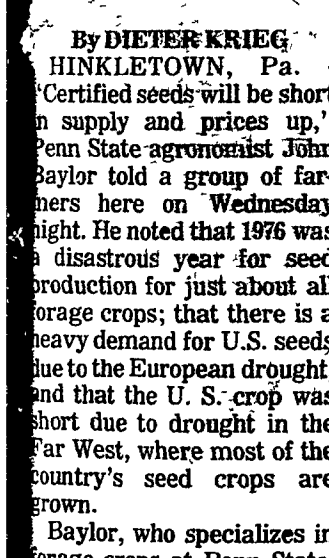
Hay seeds scarce

By DIETER KRIEG

HINKLETOWN, Pa. - "Certified seeds will be short in supply and prices up," Penn State agronomist John Baylor told a group of farmers here on Wednesday night. He noted that 1976 was a disastrous year for seed production for just about all forage crops; that there is a heavy demand for U.S. seeds due to the European drought, and that the U. S. crop was short due to drought in the Far West, where most of the country's seed crops are grown.

Baylor, who specializes in forage crops at Penn State, was in Lancaster County to address a group of men at the Hinkletown Alternative School, here. Although the meeting was attended by only 13 farmers, the audience was hungry for knowledge. Baylor was kept busy for more than an hour answering questions pertaining to forage crop production and management. His main topic

[Continued on Page 14]



Dr. John Baylor

Lancaster County's top dairymen for colored breeds, according to DHIA production figures, are, left to right, George Hough, Jerseys; Harold Shelly, Ayrshires; K.D. Linde, Guernseys; and Donald Trimble, Brown Swiss.

71 dairymen top 600 lbs. fat

By SALLY BAIR
Feature Writer

SMOKETOWN, Pa. - A record 71 Lancaster County dairymen were honored for having attained records of over 600 pounds of fat at the annual meeting of the Red Rose Dairy Herd Improvement Association held Tuesday at Good and Plenty Restaurant. Two men were recognized for having herds which topped the 700 pound mark.

Rufus G. Martin, Ephrata R1, had the highest herd for fat and milk production in

[Continued on Page 16]

First batch of sorted tobacco bought

LANCASTER, Pa. - Tobacco buyers are out on the farms now, trying to locate top quality sorted crops for packing at the warehouse. And, according to farmers in the area, some buyers have been out for as long as three weeks and are offering up to 70 cents per pound, sorted and tied on the farm. That's anywhere from two to five cents higher than last year and at least a month ahead of schedule.

Local buyers report, however, that the buying season hasn't really begun yet, and that most of the big companies aren't out.

Those that are have found the buying to be somewhat slow with a high amount of resistance from the farmers since the majority aren't receptive to the idea of sorting their crop, and for the most part are holding out for 65 cents per pound for pull off.

The reasoning behind the higher price is that cost of production is up, and also, drought in other parts of the country may cause a higher demand, therefore calling for a higher price.

As a result of the present conditions, buyers estimate that less than 100 acres have actually been sold in Lancaster County. It is also predicted that what will be sold in the future will mostly be pull off rather than sorted and tied.

This year's crop is of excellent quality in some parts of the growing region, while in others it is hail cut and stunted from too much rain.

Weather for curing was also excellent this year with clear, breezy days which resulted in stretchy, chestnut-colored tobacco.

Heavy crops are reportedly yielding as much as 1,800 to 2000 pounds per acre.

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Feeding patterns changed

By DIETER KRIEG

LEINBACHS, Pa. - The economics of dairy farming have changed drastically enough in recent years to create new feeding patterns, nutrient balances and production levels. "We must take time to examine the situation," urges Penn State dairy specialist Don Ace.

The Extension dairyman was in southeastern Pennsylvania this week to offer his remarks at four Dairy Day programs, one of which was scheduled here at the Berks County Agricultural Center. Others on the program with Ace were Penn State Extension Veterinarian Lawrence Hutchinson and Extension Agricultural Engineer Gerald Bodman. Please see articles on their presentations on pages 24 and 87, respectively.

According to Ace, one of the primary problems he's encountering in dairy herds is that not enough forages, or at least high-quality forages are being fed. "You can't

[Continued from Page 19]

Don Ace

Livestock market and auction news

Lancaster Market

Monday, Dec. 6, 1976

	Cattle	Calves	Hogs	Sheep
Today	1027	153	725	88
Last Monday	617	149	761	34
Last Year	1070	148	911	64
Monday's Auction	703	174	701	105
Last Monday's Auction	606	158	707	54

CATTLE: Compared to last Wednesday slaughter steers weak to mostly 50 lower; cows 1.00-1.50 lower; bulls and bullocks mostly steady. Supply included 57 per cent slaughter steers, 27 per cent cows with the balance bulls and heifers.

SLAUGHTER STEERS: Couple lots high Choice and Prime mostly 3 1100-1175 lb. 42.10-42.25; Choice 2-4 975-1325 lb. 40.35-41.85, few head mainly 2 42.10-43.00; high Good and low Choice 2-4 1000-1350 lb. 37.85-40.50; Good 2-3 975-1300 lb. 35.25-39.50; Standard 1-2 34.00-35.50.

SLAUGHTER HEIFERS: Couple Choice mainly 2 39.00-40.50; mixed Good and Choice 2-3 800-1055 lb. 35.00-37.10; Good 2-3 30.50-35.00.

COWS: Utility and Commercial 1-3 23.75-25.85; Cutter 1-2 22.00-23.75; Canner and low Cutter 20.00-22.00; Cutter 1-2 850-1050 lb. beef breed cows 18.50-21.75.

BULLOCKS: Few Choice 1000-1200 lb. 39.00-41.50 Good 35.00-37.50.

BULLS: Yield grade 1 1100-1700 lb. 35.50-38.00, individual 38.75; yield grade 2 850-1050 lb. 28.00-32.00.

VEAL CALVES: Vealers fully steady, instances 2.00 higher on Standard 60-90 lb.

VEALERS: Prime 72.00-78.00; Choice 62.00-72.00; high Good and low Choice 50.00-62.00; Good 38.00-50.00; Standard and Good 90-115 lb. 28.00-30.00; Standard 65-90 lb. 20.00-28.00.

SHEEP: Wooled lambs 3.00-5.00 higher; slaughter ewes steady.

WOOLED LAMBS: Choice and Prime 70-90 lb. 49.00-52.50; mixed Good and Choice 70-90 lb. 42.00-45.50; Good 55-80 lb. 37.50-42.00.

SLAUGHTER EWES: Utility and Good 12.00-14.00.

Vintage Market

Tuesday, December 7, 1976

	Cattle	Calves	Sheep
Today	759	667	18
Last Tuesday	596	600	22
Last Year	808	734	37

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 lower; cows 75-1.25 lower; bulls fully steady on small supply. Supply included 46 per cent slaughter steers and 45 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1275 lb. 42.75-43.85; Choice mainly 2 975-1250 lb. 42.75-44.00, few head 44.00-44.75; Choice 2-4 975-1400 lb. 40.25-42.25, few early 39.75-40.25; Choice mainly 4 1200-1425 lb. 38.75-41.50; high Good and low Choice 2-3 37.50-40.00; Good 2-3 33.50-37.50; few Standard 1-2 27.50-34.50.

COWS: Utility and Commercial 1-3 23.75-25.85, few head 26.00-26.85; Cutter 1-2 21.75-24.25; Canner and low Cutter 18.50-21.50; Cutter 1-2 700-975 lb. beef breed 16.00-20.00.

BULLOCKS: Few Good 975-1200 lb. 32.00-34.50.

BULLS: Yield grade 1 1100-1900 lb. 33.50-36.35; yield grade 2 900-1250 lb. 28.75-31.00.

VEAL CALVES: Vealers 2.00-5.00 higher. Supply included 365 in graded sale of which 28 per cent was sold to return to farm.

VEALERS: Choice 58.00-64.00, couple Prime 65.00-68.00; high Good and low Choice 40.00-56.00; Good 38.00-45.00; Standard and Good 100-120 lb. 30.00-39.00, 80-100 lb. 25.00-31.00, 70-85 lb. 20.00-26.00; Utility and Standard 65-90 lb. 16.00-23.00.

RETURNED TO FARM: 100 head Standard and Good 100-125 lb. Holstein bulls 46.50-49.50.

Lancaster Auction

Wednesday, Dec. 8

	Cattle	Calves	Hogs	Sheep
Today	1373	116	1163	13
Last Wednesday	592	146	748	24
Last Year	1065	154	715	49
Wednesday's Auction	863	140	1232	4
Last Wednesday's Auction	406	129	752	23

CATTLE: Compared to Monday slaughter steers firm to 75 higher; cows 50-1.00 lower; bullocks mostly steady; small supply bulls 50-1.00 lower. Supply included 57 per cent slaughter steers; 19 per cent cows, 16 per cent heifers with the balance bulls.

SLAUGHTER STEERS: Few High Choice and Prime 2-4 1100-1275 lb. 42.60-43.25; Choice 2-4 1000-1325 lb. 40.35-43.00; few Choice mainly 4 1280-1445 lb. 37.00-39.00; high Good and low Choice 2-3 37.50-40.50; Good 2-3 35.00-38.50, few 32.75-35.00; Standard 1-2 30.00-33.50.

SLAUGHTER HEIFERS: Choice 2-3 800-950 lb. 37.00-39.10; couple 40.50-41.25; Choice 3 to mostly 4 750-975 lb. 34.75-37.00; load Good and Choice 1-2 600-680 lb. 26.00-28.50; Good 2-3 750-975 lb. 33.00-37.50; Standard 1-2 700-950 lb. 24.75-28.50.

COWS: Utility and Commercial 1-3 22.75-24.25; Cutter 1-2 21.50-23.25; Canner and low Cutter 19.00-21.50.

BULLOCKS: Choice 1000-1250 lb. 38.25-39.50, couple 39.75-41.85.

BULLS: Yield grade 1 1100-1700 lb. 32.50-34.10, individual 37.60; yield grade 2 1000-1350 lb. 29.50-33.50.

VEAL CALVES: Vealers fully steady.

VEALERS: Choice 60.00-70.00, few Prime 70.00-77.00; high Good and low Choice 50.00-62.00; Good 40.00-50.00; Standard and Good 90-115 lb. 30.00-38.00, 75-85 lb. 24.00-30.00; Utility and Standard 60-90 lb. 17.00-25.00.

New Holland

Dec. 9, 1976

	Cattle	Calves	Sheep
Today	955	627	56
Last Thursday	1095	607	10
Last Year	973	528	12

CATTLE: Compared to last Thursday slaughter steers weak to 50 lower; cows 50-1.25 lower; bullocks 1.00-2.00 higher; small supply bulls 1.00-2.50 lower. Supply included 37 per cent slaughter steers, 51 per cent cows with the balance bulls and heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1300 lb. 43.00-44.00; Choice mainly 2 1000-1300 lb. 42.75-44.00; Choice 2-4 960-1275 lb. 40.35-43.00; Choice mainly 4 1275-1500 lb. 38.00 41.35; high Good and low Choice 2-3 37.50-39.75; few Good 2-3 32.50-36.50.

SLAUGHTER HEIFERS: Choice 2-4 875-1165 lb. 39.50-42.00; Good 2-3 750-950 lb. 32.25-34.50.

COWS: Utility and Commercial 1-3 23.75-26.00, few 26.00-26.50; Cutter 1-2 22.00-24.25; Canner and low Cutter 19.00-21.85.

BULLOCKS: Choice 36.00-39.50, few 40.00-41.75; Good 1000-1200 lb. 33.50-35.50.

BULLS: Yield grade 1 1100-1800 lb. 32.00-34.00, couple 34.00-36.25; yield grade 2 950-1350 lb. 28.50-32.00.

VEAL CALVES: Vealers mostly steady, instances 1.00-2.00 lower on Utility and Standard 60-100 lb.

VEALERS: Choice 54.00-68.00, few Prime 69.00-74.50; high Good and low Choice 48.00-55.00; Good 35.00-45.00; Standard and Good 90-110 lb. 23.00-33.00, 80-90 lb. 18.00-25.00; Standard 60-90 lb. 13.00-19.00; few Utility 55-90 lb. 5.00-12.00.

SHEEP: Wooled lambs 1.00-2.00 higher; slaughter ewes 3.00-5.00 higher.

WOOLED LAMBS: Choice and Prime 60-90 lb. 46.00-51.00; Good 60-85 lb. 35.00-40.00.

SLAUGHTER EWES: Utility and Good 14.00-22.00.

Lancaster Weekly

Friday, Dec. 10, 1976

	Cattle	Calves
This Week	4500	1575
Last Week	3498	1517
Last Year	4700	1573

CATTLE: Slaughter steers 50 lower, instances 1.00 lower; cows 1.00-1.50 lower, instances 2.00 lower; bullocks steady; bulls 1.00-1.50 lower, extremes 2.50 lower. Supply included 37 per cent slaughter steers, 25 per cent cows, 6 per cent heifers, 5 per cent bulls with the balance feeder steers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1300 lb. 42.75-44.00; Choice mainly 2 1000-1300 lb. 42.75-44.00, few head 44.00-44.75; Choice 2-4 975-1400 lb. 40.25-43.00; Choice and Prime mainly 4 1200-1500 lb. 37.00-41.50; high Good and low Choice 2-3 37.50-40.00; Good 2-3 33.50-37.50; few Standard 1-2 27.50-34.50.

SLAUGHTER HEIFERS: Choice 2-4 875-1065 lb. 38.00-42.00; load Choice 3 to mostly 4 750-975 lb. 34.75-37.00; Good 2-3 750-950 lb. 32.25-37.50; load Good and Choice 1-2 600-680 lb. 26.00-28.50; Standard 1-2 700-950 lb. 24.75-28.50.

COWS: Utility and Commercial 1-3 23.75-26.00, few 26.00-26.50; Cutter 1-2 21.75-24.25; Canner and low Cutter 18.50-21.50; Cutter 1-2 700-975 lb. beef breed 16.00-21.50.

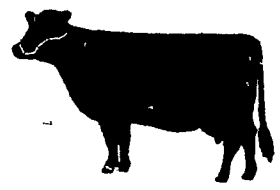
BULLOCKS: Choice 1000-1200 lb. 36.00-40.00, few 41.00-41.75; Good 1000-1200 lb. 33.50-37.50.

BULLS: Yield grade 1 1100-1800 lb. 32.00-36.25, few mainly early part of week 36.50-38.00; yield grade 2 1000-1350 lb. 28.00-33.50.

VEAL CALVES: Vealers 1.00-2.00 higher, some sales Choice and Prime as much as 5.00 higher.

VEALERS: Prime 68.00-78.00; Choice 54.00-68.00; high Good and low Choice 48.00-55.00; Good 35.00-45.00; Standard and Good 90-115 lb. 25.00-38.00, 70-90 lb. 18.00-26.00; Standard 60-90 lb. 13.00-23.00; few Utility 55-90 lb. 5.00-12.00.

RETURNED TO FARM: Standard and Good 90-125 lb. Holstein bulls 36.00-43.00, 100 head Standard and Good 100-125 lb. 46.50-49.50.



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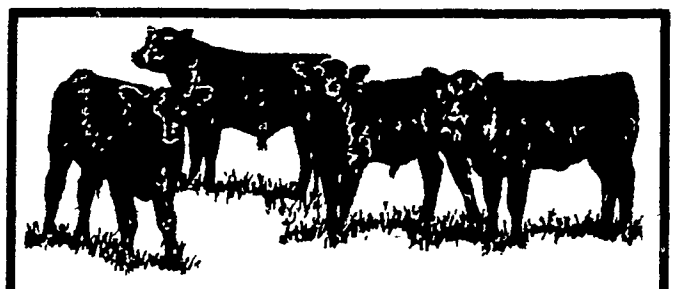

LANCASTER STOCKYARDS
WEEKLY SALES
Slaughter Sales - Mon. & Wed. 11:00 A.M.
Vealers, Lambs, Hogs-Mon. & Wed. 11:00 A.M.
Stocker & Feeder Sale - Friday 12 Noon
Hogs Sold Sat. - Private Treaty 7-12 Noon
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WEDNESDAY'S ACTION.
12 00 Noon Hay Straw & Ear Corn
12 30 P M Dairy Sale
1 00 P M - Feeder Pig Sale
THURSDAY'S ACTION:
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New Holland

New Holland Sales
Stables
New Holland, Pa.
HOGS: 1542
Retail: 38.75-39.25
Heavyweight: 36.75-37.75
Lightweight: 36.75-37.75
Wholesale: 37.50-38.75
Sows: 21.00-28.50
Boars: 18.00-28.00
SHOATS: 605
No. 1 and 2 39-46 pounds 58.50-73.00; No. 2 40-54 pounds 62.00-73.00; No. 2 and 3 33-45 pounds, 56.00-65.50; 47-89 pounds 52.50-63.00; No. 3 28-42 pounds 56.00-70.00, 43-51 pounds 56.00-61.00; Utility 21-35 pounds 40.00-76.00.

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Hog Markets

Lancaster Market

HOGS: Barrows and gilts 25-50 higher.
BARROWS AND GILTS: US 1 200-235 lb. 39.50-39.75; US 1-2 200-230 lb. 37.50-38.50, few 39.00; US 2-3 200-245 lb. 36.75-37.50; 260-280 lb. 33.50-34.50.
SOWS: US 1-3 375-550 lb. 25.00-26.50.

Lancaster Auction

HOGS: Barrows and gilts 3.00-4.00 higher.
BARROWS AND GILTS: US 1 200-230 lb. 42.75-43.00; US 1-2 200-240 lb. 41.60-42.10; US 2-3 200-245 lb. 40.60-41.50; 250-275 lb. 38.50-39.50; US 1-2 165-185 lb. 33.50-34.50.
SHEEP: No market test.

Vintage

Vintage Hog Sale
Saturday,
December 4, 1976
HOGS: 1301
No. 1 37.50 - 38.25; No. 2 and 3's 36.50 - 37.35; Heavyweight 260 - 280 lbs. 32.00 - 36.00; Lightweight 160 - 180 lbs. 31.00 - 34.00; Sows 360 - 500 lbs. 21.00 - 26.50; Boars 200 - 300 lbs. 28.00 - 30.50, 350 - 500 lbs. 18.75 - 20.25.

Wednesday, Dec. 8, 1976
Total of 518 head.
No. 1 42.00-42.50; No. 2 & 3 41.00-41.85; Heavy Hogs 250-280 38.00-40.50; Light Hogs - none; Sows 400-600 24.75-26.00 & Boars 20.00-21.00.

Peoria Auction

Thursday, December 9, 1976
HOGS: 4000
Barrows & gilts fairly active, opening weak to mostly 50 lower than Wednesday's close.
US 1-2 200-230 lb. 38.50-39.00, 300 head 39.25-39.75; US 1-3 200-240 lb. 38.00-38.50.

Indianapolis

Thursday, Dec. 9, 1976
HOGS: 2500
Barrows & gilts active, fully steady instances 25 higher.
US 1-2 200-230 lb. 39.25-39.50, 100 head 39.35-39.50; US 1-3 200-240 lb. 39.00-39.25. Few Lots US 2-3 230-255 lb. 38.00-39.00. 1 Lot US 2-3 Near 300 lb. 33.50.

St. Louis

Thursday, Dec. 9, 1976
HOGS: 7000
Barrows & gilts fairly active, steady to 25 higher, mostly steady to firm.
US 1-2 200-235 lb. 39.50-39.75; US 1-3 200-240 lb. 39.00-39.50.

Lancaster Feeder Pigs

Tuesday, December 7

	Feeder Pigs
Today	1388
Two Weeks Ago	1446

TREND: Compared to two weeks ago feeder pigs 5.00-10.00 higher. All prices on a per hundred weight basis.
US 1-2 32 lb. 73.00-80.00; 45-50 lb. 62.00-68.00.
76 Head 46-47 lb. 70.00-72.00; 50-70 lb. 55.50-66.00.
US 2-3 Few 20-35 lb. 62.00-72.00; 40-50 lb. 61.00-66.00; 50-65 lb. 51.00-61.00.

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Futures Trading

Closing Bids as of Thursday, Dec. 9

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	New York Fresh Eggs
December	40.80	37.95		73.30
January				66.40
February	40.40	34.35		58.40
March			7.10	57.00
April	39.55	31.80	8.20	52.85
May			10.25	50.00
June	51.55	33.40		
July		34.40		
Aug.	41.90	33.40		

Trend—Cattle are lower, Hogs are higher, Potatoes are higher, and Eggs are lower.
Markets Provided by Commodity Department
Reynolds Securities, Inc.

CHICAGO GRAIN FUTURES

(Closing bids as of Thursday, Dec. 9)

	Corn	Wheat	Soybeans	Soybean Meal
December	2.46¼	2.64¾		202.80
January			7.03	202.90
March	2.54¼	2.73	7.07½	204.90
May	2.58	2.77	7.02¾	203.20
July	2.61¼	2.79¾	6.92¾	201.50
Aug.			6.81½	198.50
Sept.	2.61	2.35¾	6.54	193.00

Trend—Corn is lower, Wheat is lower, Soybeans are lower, and Soybean Meal is lower.
Markets Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter
Under Federal Inspection

	CATTLE	HOGS	SHEEP
Week to Date	578,000	1,238,000	100,000
Same Period Last Week	555,000	1,294,000	99,000
Same Period Last Year	605,000	999,000	112,000

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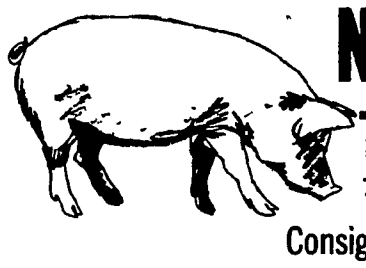
New Holland Horse

New Holland Sales
Stables
New Holland, Pa.
Monday, December 6, 1976
Reported receipts of 337 horses, mules, and ponies. Market steady with last week's market.
Load of Saddlebred out of Kansas 270-1100; Load of Saddlebred out of Tennessee 300-1050.
Driving horses 175-400; riding horses 150-250; better riding horses 275-620; lightweight killers 18 - 24; heavyweight killers 25-27; mares 10-40; colts 5-20; geldings 10-35; larger ponies 55-85.

ATTENTION CATTLE FEEDERS
Do you want to make buying your stockers and feeders easy. It can be very simple. Just call and give us your order. All orders filled to your exact specifications. Call us anytime. We can be very helpful.



NEXT FEEDER PIG SALE
TUESDAY, DEC. 21 - 1 P.M.

Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff.
Feeder pigs received from 6 A.M. to 11 A.M.
WALTER M. DUNLAP & SONS
LANCASTER STOCK YARDS
Consignors can get state tags at our office, thereby saving 25c marketing expense
For Further Information, Call 717-397-5136

J. M. HOOBER INC.
As you know there are no easy ways to farm and to raise livestock. You work hard with your hands & back & you try to use all the knowledge your parents taught you, then you trust in the Lord.
Our business has no short cuts or easy ways either. We just work hard to supply you with quality feeder cattle & stand ready to assist you when your livestock is ready for market.
NEXT FEEDER PIG SALE
DECEMBER 21, 1976
Please Call Us Soon
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Poultry Market Reports

Weekly New York Egg Market

From Monday, Dec. 6 to Friday, Dec. 10

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Ex. Large	79	79	81	82	82
Large	79	79	81	82	82
Mediums	76	76	78	79	79
Pullets	69	69	69	69	69
Peewees	47	47	47	47	47
BROWN					
Large	84	84	84	84	84
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	73	73	75	75	75
Checks	53	53	53	53	53

Tone—Large firm, balance steady to firm.

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New England Weekly Shell Egg Report

Tuesday, December 7, 1976

Prices paid per dozen Grade "A" brown eggs in cartons delivered to retail stores:

	EX LARGE	LARGE	MEDIUM	SMALL
MASS (+)	85-91	85-91	77-84	69-75
Mostly	86-87	86-87	79-80	70-71
NEW HAMP	80-87	80-87	73-80	64-71
Mostly	83-84	82-83	75-76	66-67
R.I.	89-90	89-90	81-82	73-74
VERMONT	87-90	87-88	79-85	-
Mostly	88-89	86-87	79-83	-
MAINE	87-89	87-89	80-82	71-73

(+) Includes Central and Western sections only.

NEST RUN EGGS

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradeable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Tuesday	Thurs.
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	72	74
Class 2 - Large	45 lbs.	68	71
Class 3 - Medium	42 lbs.	67	69
Class 4 - Small	39 lbs.	62	64
Breaking Stock	48 lbs.	62	62
Checks	48 lbs.	53	53

Baltimore Eggs

Wednesday, Dec. 8

Prices trended higher. Demand for cartoned eggs fair. Supplies in good balance.

Cartoned eggs: Prices to retailers, state graded (min. one case sale) White.

Grade A Large 83-89; Grade A Medium 80-85.

Lancaster Farming

P.O. Box 266 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Dieter Krieg, Editor
Joanne Spahr, Associate Editor
Judy Mitchell, Berks County Correspondent
Joyce Bupp, York County Correspondent

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For Address Change form or new subscription see Classified Section.

Members of Newspaper Farm Editors Assn., Pa Newspaper Publishers Association, and National Newspaper Association.

Delmarva Poultry

Wednesday, Dec. 8

Ready to cook movement continues very good to 35 cents feature activity, only fair otherwise. Slaughter schedules fairly heavy at most plants. Today's LTL asking prices tended higher at 36 on plant and 37 on US Grade A.

Advanced interest still quiet. Live supplies ample. Undertone steady to firm.

Range: U.S. Grade A 35-37, Plant Grade 35-36½; Premium U.S. Grade A 38-42; Premium Plant Grade 37.40.

Wtd. Ave.: U.S. Grade A 36.18; Plant Grade 35.48; Premium U.S. Grade A 39.92; Premium Plant Grade 39.87.

Philadelphia Eggs

Wednesday, Dec. 8

Prices unchanged to two cents higher on all sizes. Cartoning demand fairly good. Offerings of all sizes while irregularly distributed adequate overall. Undertone steady.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered: store door.

A Extra Large 82½-85½; A Large 81-84½; A Medium 77½-89.

Eastern Pa. & N.J. Poultry

Wednesday, Dec. 8

Prices unchanged on Light Type Hens. Farm offerings generally light and short of a fairly good processor demand. Offering of heavy type adequate for a fair call. Prices Paid At Farm : Light type Hens 12-14, mostly 13-14 in Pa., mostly 12½-13½ in N.J. Heavy type hens TFEWR.

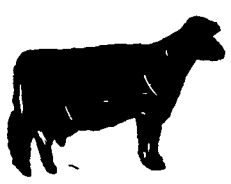
New Holland Dairy

Wednesday, December 8,

Reported receipts of 119 cows, 12 heifers, and two bulls. Market steady with last week's market.

Load of Pennsylvania fresh cows 710-910; Load of Pennsylvania fresh cows 810-1000; Load of Franklin County fresh cows 650-760; Load of Springers 710-860; Load of Wisconsin fresh cows 660-935.

Locally consigned cows 475-810; spinging heifers 475-610; bulls 420-450.



Hay Markets

Green Dragon

EPHARATA, PA.
December 3, 1976

PRICES PER TON: 70 loads hay & 16 loads straw

Alfalfa, few 76.00-89.00 some down to 59.00, Timothy, few 58.00-64.00, Mixed hay 60.00-86.00, 1 ld. 100.00, some down to 49.00 Clover, couple lds. 62.00-74.00, Stubble hay, 1 ld. 51.00, Straw 58.00-67.00, Ear Corn, 3 lds. 59.00-63.00, Corn Fodder, 2 lds. 48.00-55.00 Corn Screenings, 1 ld. 42.00, Oats, 1 ld. $1.40 per bushel

Regional Hay

HAY PRICES FOR SOUTHEASTERN & SO. CENTRAL PENNSYLVANIA

(All hay no. 2 and better, prices paid by dealers at the farm, price per ton.)

Hay & Straw steady to $5 higher.

Alfalfa 75.00-85.00, Mixed hay 60.00-75.00, Timothy hay 60.00-70.00, Straw 50.00-55.00, Mulch 25.00-35.00.

Vintage

Thursday, Dec. 9, 1976

Stubble Hay $55 a ton; Alfalfa, 2nd cutting $86 a ton; Clover $59 a ton; Clover & Timothy $68 a ton; Straw $68 a ton & Timothy $50-60 a ton.

TRY A CLASSIFIED

Harvey Z. Martin

Wednesday, Dec. 9, 1976

Total of 81 Loads.

Alfalfa 58 to 101; Timothy Hay 53 to 65; Several Load of Clover 63 to 81; Stubble Hay 48 to 68; Mixed Hay 47 to 9[illegible] mostly through 60's; Stra[illegible] 48 to 79; Corn Fodder 40 to [illegible] and Ear Corn 51 to 60.

HAY, STRAW AND EAR CORN SALE

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717-275-2880 Bus.

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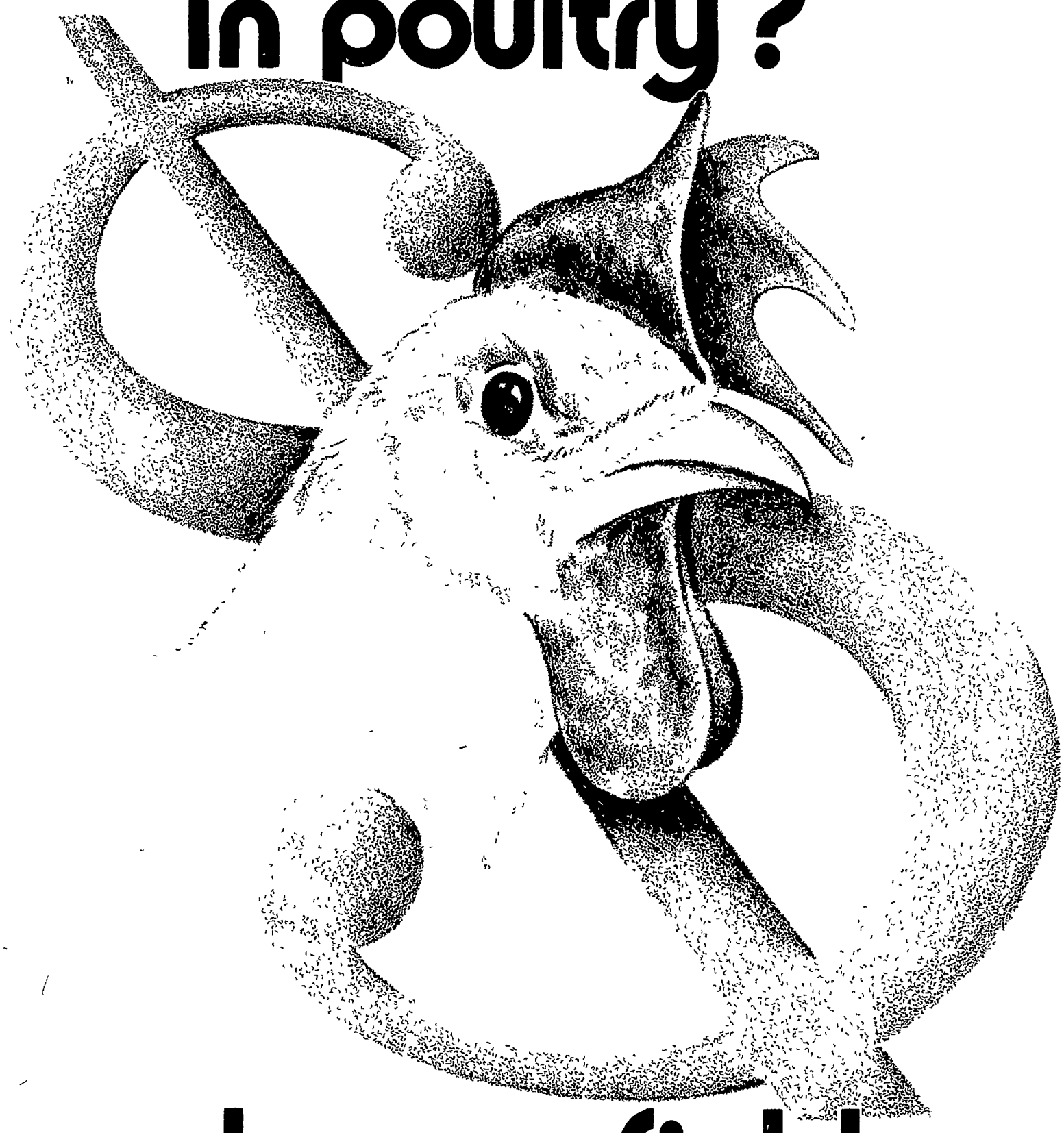

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Livestock market and auction news

Pa. Auction Summary

Harrisburg, Pa.
December 3, 1976

CATTLE 5709. Compared with 4540 head last week, and 6187 head a year ago. Compared with last week's market, slaughter steers steady to $2 higher, most advance on High Choice & Prime. Slaughter heifers steady to $1.50 higher. Slaughter cows steady to $2.50 higher. Slaughter bulls strong to $2 higher.

STEERS: High Choice & Prime No. 3-4 41.50-44.75, Choice No. 2-4 38.50-44.50, Good 34.00-40.00, Standard 31.00-36.00, Utility 27.00-32.50. HEIFERS: Choice 35.00-40.75, Good 30.75-36.50, Standard 28.00-32.00, few Utility 22.50-27.50. COWS: Utility & High Dressing Cutter 24.00-28.10, Cutters 21.50-26.35, Canners 18.50-24.50, Shells down to 13.00. BULLOCKS: Few Good 37.60-41.75, Standard 31.00-38.00, few Utility 28.25-34.00. BULLS: Yield Grade No. 1 1000-2100 lbs. 28.00-37.00; few Yield Grade No. 2 900-1700 lbs. 25.90-36.00. FEEDER CATTLE: Good & Choice 300-700 lbs. feeder steers 27.00-34.50; few Good & Choice 300-600 lbs. feeder Heifers 22.50-33.00; Medium & Good 400-700 lbs. feeder bulls 19.00-32.50.

CALVES 4677. Compared with 3227 head last Week, and 4890 head a year ago. Vealers $3 to $8 higher.

VEALERS: Prime 63.00-77.00, Choice 53.00-70.00, Good 42.00-59.00, Standard & Good 110-130 lbs. 30.00-46.00, 90-110 lbs. 24.00-37 50, Standard 70-90 lbs. 20.00-30.00, Utility 50-100 lbs. 15.00-26.00. Farm calves, holstein bulls 90-120 lbs 29.00-50.00.

HOGS 5397 Compared with 6658 head last week, and 5277 head a year ago. Barrows & Gilts 50 cents to $1 higher.

BARROWS & GILTS: US No. 1-2 200-240 lbs. 35.50-37.90, No. 1-3 200-250 lbs. 34.50-37.25, No. 2-3 190-265 lbs. 33.00-35.75, few No. 2-4 250-330 lbs. 30.00-35.25, few No. 1-3 140-190 lbs. 30.50-35.75. SOWS: US No. 1-3 300-575 lbs. 23.75-35.50, few No. 2-3 300-650 lbs 22.00-28.00. Boars 16.00-21.60.

FEEDER PIGS 937. Compared with 1454 head last week, and 926 head a year ago. Feeder pigs unevenly steady. US No. 1-3 25-35 lbs. feeder pigs 8.50-19.00 per head, No. 1-3 35-50 lbs. 14.00-33.00, No. 1-3 50-80 lbs. 20.50-34.00 per head.

SHEEP 453. Compared with 619 head last week, and 495 head a year ago. Wooled slaughter lambs steady to $2 higher. Choice 70-110 lbs. wooled slaughter lambs 39.50-46.50, Good 60-90 lbs. 32.00-39.50. Slaughter ewes 8.00-16.00.

Martinsburg

Martinsburg, Pa.
December 6, 1976

CATTLE 244. Compared with last Monday's market, slaughter cows 50 cents to $1.50 lower. Choice slaughter steers 37.50-40.50, Good 34.00-38.00, Standard 31.,00-34.00, Utility 26.00-30.00. Good slaughter heifers 32.00-34.50, Standard 29.00-32.00, Utility 23.00-25.00. Utility & High Dressing Cutter slaugher cows 23.75-26.10, Cutters 21.50-24.00, Canners 18.50-22.00, Shells down to 16.00. Choice slaughter bullocks 34.00-37.00, Good 32.00-34.00, Standard 28.50-31.00, Utility 25.50-27.50. Yield Grade No. 1 1000-2000 lbs. slaughter bulls 32.00-34.00; yield grade No. 2 900-1600 lbs. 28.50-31.00. Medium & Good 500-650 lbs. feeder steers 24.00-32.00; Medium & Good 500-650 lbs. feeder heifers 22.00-24.00.

CALVES 357. Vealers unevenly steady. Choice vealers 57.50-64.00, Good 49.00-56.00, Standard & Good 110-130 lbs. 35.00-46.00, Standard 65-85 lbs. 20.00-30.50. Farm calves, holstein bulls 95-115 lbs. 32.00-45.50.

HOGS 268. Barrows & Gilts $1.25 to $2 higher. US No. 1-2 200-240 lbs. barrows & gilts 37.25-38.50, No. 1-3 200-250 lbs. 37.00-38.00, No. 2-3 190-260 lbs. 36.00-37.00, No. 1-3 160-190 lbs. 30.00-35.00. US No. 1-3 300-550 lbs. sows 26.50-30.00, No. 2-3 300-600 lbs. 25.00-26.50. Boars 18.00-20.00.

FEEDER PIGS 64. US No. 1-3 20-35 lbs. feeder pigs 6.00-13.00 per head, No. 1-3 35-50 lbs. 13.00-23.00 per head.

SHEEP 0. No sales on offer.

Joliet Cattle

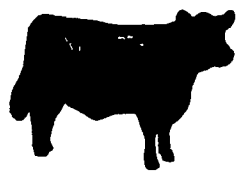
Joliet, Ill.
December 8, 1976

CATTLE. Friday through Wednesday's salable receipte 10,801, 5 days last week 10,484, last year 11,758 At mid-week Slaughter Steers and Heifers Steady to 25, instances 50 Higher than last Friday. Steer supply mostly Choice 2-4 1000-1300 lb. Heifers mostly Choice 2-4 850-1050 lbs.

SLAUGHTER STEERS On Monday few loads High Choice and Prime 3-5 1200-1400 lbs. 37.00-39 50, 4 and 5 1400-1600 lbs. 35.00-37.00, Load mostly 5 1640 lb. 33.00. Choice Few Prime 2-4 1000-1300 lbs. 39.50-41.10, Mostly 40.00-41.00 Monday, Wednesday 40.50-41.75, Load 3-4 1310 lbs. 42.00.

MIXED GOOD AND CHOICE 2-3 900-1300 lbs. 38.00-39.50 Monday, 39.00-40.50 Wednesday. Some Mixed Good and Choice Holsteins 2 31.00-33.00 Monday.

SLAUGHTER HEIFERS: High Choice and Prime 3-4 950-1050 lb. 38.,25-39.00 Monday, 39.25-40.50 Wednesday. Mixed Good and Choice 2-3 700-1000 lb. 36.00-37.50 Monday, 37.00-38.00 Wednesday.



Baltimore USDA

U.S. Dept. of Agriculture
Dec. 6, 1976

CATTLE 400: Moderate, slaughter steers firm to 50 higher, heifers 1.00 higher cows $1.00 to mostly 1.50-2.00 lower, bulls $2.50 lower, few feeders 50-1.00 higher. Supply 25 per cent slaughter steers & heifers, 55 per cent cows, 15 per cent feeder cattle, balance bulls.

SLAUGHTER STEERS Choice 2-4 1045-1300 lbs. 39.00-41.00; Good & Choice 2-4 1050-1200 lbs. 38.00-39.10; Good 2-3 985-1200 lbs. 34.50-38.00; Standard & Good 2-3 1050-1700 lbs. 31.00-33.25; several Standard 2's 1000-1280 lbs. 27.35-30.00

SLAUGHTER HEIFERS: Choice 2-4 835-965 lbs. 35.00-36.50; one package 910 lbs. 38.00.

COWS: Utility 2-3 22.00-26.00; several 26.25-26.50; Commercial 20.60-22.50; Cutter 20.00-24.85; Canner & low Cutter 17.00-20.00

BULLS plus Yield Grade 1 1400-1900 lbs. 29.75-33.50; 1000-1400 lbs. 27.50-32.00; several yield Grade 2 1000-1400 lbs. 24.60-27.00

FEEDER CATTLE: few Choice steers 710-860 lbs. 35.60-37.50; Good & Choice 745-875 lbs. 33.00-34.00; several Good 630-850 lbs. 31.00-32.50; Choice bulls calves 370-490 lbs. 28.75-32.00; few Choice heifers 235-480 lbs. 26.50-27.50

HOGS: 600: Compared with last Monday closing sales Barrows & Gilts $1.00-1.25 higher

US 1-3 200-230 lbs. 36.50 mostly 36.75 few 37.00, US 2-3 230-250 lbs. 35.50-36.50 Sows; 25-50 cents higher US 2-4 250-280 lbs. 34.00-35.50 US 1-3 300-600 lbs. 24.50-25.50 few 26.00

VEAL & CALF AUCTION: few Choice vealers 190-225 lbs. 54.50-63.00; Good 125-270 lbs. 40.00-48.00; Standard 65-105 lbs. 24.00-30.00

SHEEP AUCTION: 50: Choice wooled slaughter lambs 82-86 lbs. 36.35-37.10; package 110 lbs. 39.85; couple high Good 70 lbs. 33.10

Peoria Auction

Peoria, Ill.
Dec. 9, 1976

Receipts this week 7000; Last week 8100; Last year 8500.

Compared with last weeks close, Slaughter Steers and Heifers Steady to 50 higher. Cows 50-1 00 lower. Bulls steady. Receipts about 65 per cent Slaughter Steers; 25 per cent Slaughter Heifers and near 10 per cent cows.

SLAUGHTER STEERS At midweek Choice and Prime 3-4, 1150-1300 lbs 40.50-41.75; Load 42.00; Early Load YG 4-5, 1350 lbs 38.00. Couple Loads 1465-1510 lbs. 35.00. Choice 2-4, 950-1250 lbs. 40.00-41.50. Mixed Good and Choice 2-4, 900-1300 lbs 39.00-40.00. Good 2-3, 37.00-39.00.

SLAUGHTER HEIFERS Choice and Prime 3-4, 900-1050 lbs 39.50-40.00 Choice 2-4, 850-1050 lbs. 38.00-39.50 Mixed Good and Choice 2-3 800-1100 lbs 37.00-38.50. Good 2-3, 35.50-37.00. Standard and Good 2-3, 32.50-35.50.

COWS: Utility and Commercial 2-3, 20.00-21.50, Few High Dressing Utility 22.00-22.50. Cutter 1-2, 19.00-21.00. Canner 14.50-19.00.

BULLS: YG 1-2, 1100-1800 lbs. 24.00-28.50; Few YG 1, 29.00.

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WE WILL RECEIVE YOUR PIGS ANYTIME FROM 7 A.M. WED. MORNING
State Graded Until 12 Noon. All pigs inspected by State Approved Veterinarian.

SPECIAL MENTION:
11 LARGE YORKSHIRE & 3 WAY-CROSS BRED GILTS.
1 PUREBRED YORKSHIRE BOAR, RENO THOMAS STRAIN.

State tags available at our office for you to tag pigs at home to save 25¢ tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
CALF SALE TO BE HELD IN NEW SALES PAVILION EVERY THURSDAY AT 6:30 P.M.

NORMAN KOLB
717-397-5538
ABE DIFFENBACH
717-393-4464

Livestock market and auction news

East Coast Carlot Meats

December 8, 1976

Compared to Tuesday's close: demand good for beef, commitment however light early. Steer beef steady to 1.00 higher; cow beef in limited test 50-2.00 lower; boneless beef generally steady. Lamb compared to last week steady to 2.00 higher, advance on 65 lb. down. No fresh pork cuts confirmed.

STEER BEEF

Choice 600-800 lb. YG 3, 67.50-68.00, firm to 50 higher; 600-900 lb. YG 4, 65.50-66.00, 50-1.00 higher. Good 600-800 lb. YG 3, 64.50 generally steady. Holstein Type 500-800lb. YG 2-3 61.50 No Comparison.

COW BEEF

Utility (Brkg) 500 lb. up YG 4-5 41.00 No Comparison. Utility (Bng) 450 lb. up YG 1-2 42.00-43.00. Canner & Cutter 350 lb. up YG 1-2 46.00-47.50 50-2.00 lower.

CHOICE PRIMAL BEEF CUTS YIELD GRADE 3

Arm Chucks 90-130 lb. 55.00 Steady. Arm Backs 100-150 lb. 66.50 No Comparison. Loins Trimmed 40-65 lb. 112.00 No Comparison

LAMB CARCASS YIELD GRADE 3-4

Choice & Prime 55 lb. down 95.00-98.00 1.00-2.00 higher than last week; 55-65 lb. 89.00-91.00 1.00-2.00 higher than last week; 65-75 lb. 78.00-80.00 Steady with last week.

BONELESS BEEF

90 per cent Chem. Lean, Fresh 67.50-68.50 Generally Steady. 90 per cent Chem. Lean, Frozen 66.50-67.00 No Comparison. 85 per cent Chem. Lean, Fresh 62.00-64.00 Generally Steady.

BEEF TRIMMINGS

50 per cent Chem Lean, Fresh 26.50-28.00 1.00-1.50 higher. 50 per cent Chem Lean, Frozen 25.00 No Comparison.

FRESH PORK CUTS

Loins 14 lb. down 79.00 late next week shipment No Comparison; 14-17 lb. 78.00 late next week shipment No Comparison.

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SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and veal calves.
11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale
We will have consignments from Alfred Albright, Bob Kennedy, Ray Keiper, Kelly Bowser, and Dale Brewer.
Bring a Load and Buy a Load.
For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.
Walter H. Risser, Proprietor

Dewart Auction

December 6, 1976

CATTLE 202. Compared with last Monday's market, slaughter cows uneven, 50 cents lower to 50 cents higher. Choice 2-4, 1000-1150 lbs. slaughter steers 39.75-42.75, Good 36.00-39.60, few Standard 32.00-35.00. Few Mixed Good and Choice slaughter heifers 31.50-36.00, few Standard 29.35-31.50. Utility and High Dressing Cutter slaughter cows 24.00-27.10, individual at 27.50, Cutters 22.85-24.75, Canners 21.00-23.35, few Shells down to 19.50. Couple Choice slaughter bullocks 36.85 and 37.50, few Good 36.00-36.50. Few Good 400-700 lbs. feeder steers 31.00-35.50; few Choice 300-700 lbs. feeder heifers 29.00-34.50.

CALVES 296. Vealers grading Standard and Good 70-110 lbs. $2 to $5 higher. Few Prime vealers 60.00-70.00, Choice 54.00-60.00, Good 39.00-48.00, few Standard and Good 110-130 lbs. 35.00-44.00, 90-110 lbs. 29.00-33.50, Standard 70-85 lbs. 26.00-30.00. Farm Calves: Holstein bulls 90-115 lbs. 30.00-40.50.

HOGS 260. Barrows and gilts mostly 50 cents higher. US No. 1-2 190-220 lbs. barrows and gilts 37.60-38.20, No. 1-3 225-250 lbs. 36.00-37.20, No. 2-3 245-260 lbs. 35.00-36.00. US No. 1-3 300-525 lbs. sows 24.50-29.00, No. 2-3 350-575 lbs. 22.25-25.00. Few Boars 16.00-21.50.

FEEDER PIGS 283. US No. 1-3 20-35 lbs. feeder pigs 11.50-23.50 per head, No. 1-3 35-50 lbs. 20.50-28.00, No. 1-3 55-75 lbs. 28.50-32.00 per head, Utility 15-20 lbs. 6.50-9.00 per head.

SHEEP 14. Few Choice 80-100 lbs. wooled slaughter lambs 38.00-44.00. Few Slaughter ewes 12.00-19.00.

Lancaster Grain Prices

Friday, Dec. 10

These prices are made up of the average prices quoted by a number of participating area feed and grain concerns. It should be noted, however, that not every dealer or broker handles each commodity. All prices are per bushel except ear corn and soybean meal which are per ton.

Oklahoma

Oklahoma City
Dec. 9, 1976

Estimated Receipts 9,200
Same Day Last Week 8,429

Moderately active, Feeder Cattle and Calves generally steady with the weeks advance of 50c to 1.000 higher; majority receipts Good and Choice 350-750 lb. Feeder Steers and 350-650 lb. Feeder Heifers including few cattle arriving from wheat pasture. Fairly large attendance buyers.

FEEDER STEERS: Choice, few Prime, 300-500 lb. 37.00-42.40, 97 head 384 lb. 42.70; part load small frame, fleshy 489 lb. at 35.70; 500-600 lb. 35.00-38.60; 600-700 lb. 36.00-37.40; 700-800 lb. 35.50-37.40; few 800-915 lb. 35.00-35.30; Mixed Good and Choice 300-500 lb. 34.50-38.75; 500-600 lb. 35.25-36.25; 600-755 lb. 34.00-34.75; Good 300-700 lb. 32.75-34.75. Few Good 275-810 lb. Holstein Steers 26.00-29.25.

FEEDER HEIFERS: Choice 290-500 lbs. 29.25-32.50, short load 335 lb. at 33.80; 500-600 lb. 29.00-32.90; 600-700 lb. 29.75-32.80; part load 832 lb. at 28.80; Mixed Good and Choice 300-500 lb. 27.50-29.50; 500-755 lb. 25.50-28.50; Good 345-635 lb. 26.00-27.25.

For the week: Compared to late last week, Feeder Cattle and Calves 50c to 1.00 higher; Slaughter Cows uneven, Beef Cows steady to 75c lower, Canner and Cutter 1.00-1.50 lower; Bulls generally steady; salable receipts near 21,000 head compared to 20,453 last week and 21,763 the same week a year ago. Cows and bulls near 12 percent cattle receipts, Feeder Cattle and Calves near 86 percent of the total receipts.

The average prices quoted Friday, Dec. 10 are as follows:

	Bid+	Offered+
New Ear Corn	46.33	54.66
Shelled Corn	2.41	2.61
Barley	2.25	2.45
Oats		
Local	1.68	1.88
Western	2.00	2.20
Wheat		
Millers	2.53	2.70
Soybeans	6.90	——
Soybean Meal		243 00

+Bid is the price the dealer will buy from the farmer delivered to the mill. Offered is the price the dealer will sell for at his mill.

Greencastle

Greencastle, Pa.
December 6, 1976

CATTLE 159. Compared with last Monday's market, slaughter cows steady to $1 higher. One Choice slaughter steer at 36.25, few Good 35.00-35.75, few Standard 31.50-33.00, few Utility 28.00-29.75. Few Standard slaughter heifers 28.35-30.75. Utility & High Dressing Cutter slaughter cows 24.00-25.00, few 26.85, Cutters 22.00-23.50, Canners 20.00-21.75, Shells down to 17.50. Few Standard slaughter bullocks 26.60-28.50. Few Yield Grade No. 1 1200-1535 lbs. slaughter bulls 29.10-31.60. Good 350-850 lbs. feeder steers 29.00-33.00, Medium 500-950 lbs. 26.50-28.50.

CALVES 209. Vealers steady to $1 lower. Few Choice vealers 59.00-60.50, few Standard & Good 110-130 lbs. 40.00-49.00, 90-110 lbs. 28.00-30.50, Standard 70-90 lbs. 25.00-28.00, few Utility 50-95 lbs. 16.00-27.00. Farm calves, holstein bulls 95-115 lbs. 30.00-32.00.

HOGS 42. US No. 1-3 210-230 lbs. barrows & gilts 36.00-36.50, few No. 2-3 245-250 lbs. 35.00. Few US No. 1-3 350-525 lbs. sows 23.00-26.00. One Boar at 17.50.

FEEDER PIGS 55. US No. 1-3 35-40 lbs. feeder pigs 10.00-13.00 per head, No. 1-3 50-80 lbs. 18.00-24.50, one lot No. 1-3 100 lbs. at 30.00 per head.

SHEEP 0. No sales on offer.

Chambersburg

Chambersburg, Pa.
December 2, 1976

CATTLE 535. Compared with last Thursday's market; One High Choice slaughter steer at 45.00, Choice No. 2-4 1050-1250 lbs. 41.50-44.50, Good 35.50-39.50, few to 41.00, Standard 33.00-35.25, Utility 27.75-32.50. Few Choice slaughter heifers 34.50-38.50, few Good 31.75-33.75, few Standard 29.00-30.00. Utility & High Dressing Cutter slaughter cows 24.85-28.10, Cutters 24.10-26.35, Canners 20.85-24.50, Shells down to 18.25. Few Good slaughter bullocks 34.00-34.75, Standard 32.00-34.00, few Utility 30.00-31.00. Yield Grade No. 1 1200-2100 lbs. slaughter bulls 29.00-35.30.

CALVES 745. Few Prime vealers 66.00-70.00, Choice 53.00-66.50, Good 43.00-54.00, Standard & Good 110-130 lbs. 36.00-46.00, 90-110 lbs. 31.00-37.50, Standard 70-85 lbs. 28.00-31.50, Utility 50-65 lbs. 19.00-29.00. Farm calves, holstein bulls 90-120 lbs. 32.50-46.00.

HOGS 140. US No. 1-2 205-240 lbs. barrows & gilts 35.50-35.85, No. 1-3 215-240 lbs. 35.35-35.50. US No. 1-3 300-500 lbs. sows 23.75-28.00. Few Boars 16.00.

FEEDER PIGS 22. Few US No. 1-3 25-35 lbs. feeder pigs 11.00-17.50 per head.

SHEEP 15. Good & Choice 50-90 lbs. wooled slaughter lambs 33.50-39.50.

Lancaster Feeder Cattle

December 3, 1976

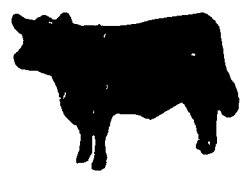
	Feeder Cattle
Today	326
Last Friday	323

TREND: Insufficient volume of any one class to fully test trends. Few sales Good and mixed Good and Choice feeder steers 1.00-1.50 higher.

FEEDER STEERS: Mixed Good and Choice 700-900 lb. 34.50-37.00; couple lots Good 450-465 lb. 35.00-36.25; Good 700-975 lb. 31.50-34.75.

FEEDER HEIFERS: One lot Choice 430 lb. 28.75.

FEEDER BULLS: One lot Choice 665 lb. 34.75.



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THE OLD FARMER'S ALMANAC

DEC. 13-19, 1976

Cold abating and moderating.

Dust off Christmas tree decorations Grandma Moses died Dec 17, 1961 Third quarter of the moon Dec 14 Hanukah Dec 17

Average length of days for the week, 9 hours, 4 minutes Sitting Bull killed in No Dakota Dec 15, 1890 Battle of the Bulge began Dec 16, 1944 Look for shooting stars this week *A book whose sale's forbidden all men rush to see, and prohibition turns one reader into three*

Ask the Old Farmer: The term "Funeral chair" was written on the bottom of two chairs I purchased recently Why? WY, Mansfield, Ohio

In the old days many funerals were held in private homes and certain men in the neighborhood had chairs they would lend for such occasions They had to be in good, sound condition, with no squeaky joints which might disturb the services We believe you have chairs from such a collection

Home Hints For a paddle to stir paint take a wire garment hanger, pull straight down on the lower wire at the center, then bend in half

OLD FARMER'S WEATHER FORECASTS

New England: Snow to start with very cold temperatures beginning Tuesday, snow at week's end

Greater New York-New Jersey: Sunny and mild, cold spell expected Tuesday through end of week

Middle Atlantic Coastal: Sunny and mild to start, cold and scattered snow beginning Wednesday through remainder of week

Piedmont & Southeast Coastal: Week begins with rain, turning cold and continued rain at midweek through week's end

Florida: Cool and local freezes through Wednesday, week's end clear and warm

Upstate N.Y.-Toronto & Montreal: Sunny with some showers to start, then cold snap and snow beginning Wednesday through week's end

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Omaha Cattle

Omaha
Dec. 9, 1976

Weekly 51 - Cattle - Compared with the previous weeks close

Closing prices on Slaughter Steers and Heifers were mostly 50 cents higher through midweek but closing sales were 25-50 cents lower. Cows were 1.00-1.50 lower and Bulls weak to 1.00 lower.

Four day receipts 16,300 as compared 15,100 previous week and 19,400 a year ago.

Trading on Fed Cattle was fairly active under a good demand through midweek with the upturn in live prices supported by a corresponding advance in carcass prices; there was a good early demand for cattle to be slaughtered at points outside the immediate Omaha area. Late demand was quite restricted, however, in reflection of a liberal midweek movement of live cattle and Prime uneasy concern over the stability of carcass trading. Supplies were only slightly larger than the previous week and were well distributed over the trading period with a liberal showing Choice Steers and Heifers included. One major packer returned to Slaughter operations, but another announced the permanent closing of the plant because of labor difficulties. Slaughter Steers made up approximately 36 per cent of the weeks total, Heifers 32 per cent, cows 12 per cent and feeders 16 per cent.

STEERS: At midweek high time, load Choice with end Prime predominantly 3 and Load Choice 3 1306 lbs. 41.75, Choice 2-4 975-1300 lbs. 40.25-41.50. At close, several loads Choice 2-4 1050-1200 lbs. 39.50-40.50. Mixed Good and Choice 2-3 950-1200 lbs. 38.50-39.50 late. Good 2-3 950-1225 lbs. 35.00-38.50. Standard and Good 2-3 33.00-34.50.

Average of LS-214, detailed quotations, for Choice 900-1100 lb. Steers this week 40.30; Choice 1100-1300 lbs. 40.20. Average weight Steers first three days 1141 lbs. as compared 1147 lbs. previous week. Average weight Heifers first three days 980 lbs. as compared 994 lbs. previous week.

HEIFERS: At midweek, four loads Choice and Prime 3-4 978-1042 lbs. 40.50, several Loads and Part Loads same grade 3-4 950-1050 lbs. 40.15-40.25. Choice 2-4 875-1100 lbs. 39.00-40.00 at Midweek, several loads in closing trade 38.50-39.50. Mixed Good and Choice 2-3 850-1000 lbs. 37.00-38.00. Good 2-3 34.00-36.50.

COWS: Utility and Commercial 2-4 19.50-21.50, Few to 22.00. Canner and Cutter 17.00-19.50, Some mixed Cutter and Utility 19.75-20.00.

BULLS: 1-2 1400-1800 lbs. 23.00-27.00, Individual 1 27.50.

Des Moines

Dec. 8, 1976

Compared to Tuesday's close: beef trade closing slow, demand moderate. Steer and heifer beef steady to 50 higher except Good heifer beef which was steady to 1.50 higher. Choice Primal beef cuts: fores 75-2.00 higher; Arm Chucks 1.50-2.50 higher; rounds 3.00 higher. Cow beef canner & cutter 1.00 lower than Monday.

STEER BEEF

Choice 600-900 lb. YG 3 64.00-65.00 Steady to 50 higher; 600-800 lb. YG 4 62.00 50 higher. Good 500-900 lb. YG 2 & 3 58.00; 600-800 lb. YG 3 61.00 Steady.

HEIFER BEEF

Choice 500-700 lb. YG 3 63.75-64.25 Steady to 50 higher; 500-700 lb. YG 4 61.25. Good 500-700 lb. YG 3 60.50 Steady to 1.50 higher.

COW BEEF

Utility (Bng.) YG 2-3 42.00-43.00. Canner & Cutter 45.00 1.00 lower than Monday.

CHOICE PRIMAL BEEF CUTS YIELD GRADE 3

Fores 130-210 lb. 56.00-56.25 75-2.00 higher. Arm Chucks 75-120 lb. 53.00 1.50-2.50 higher. Rounds (Steer) 70-95 lb. 80.00 3.00 higher. Rounds (Heifer) 60-85 lb. 80.00 3.00 higher.

BEEF TRIMMINGS 50 per cent Chem. Lean, Fresh 25.00.

Compared to Tuesday's close: fresh pork cut trade only moderate, dema unevenly light to good. Fresh loins 1.50-2.00 higher; picnics 4-8 lb. 4.00 higher; skinned hams 1.00-4.00 higher; seedless bellies uneven, generally steady to 1.50 higher. Other cuts not well established.

FRESH PORK CUTS

Loins 14-down lb. 75.50 ship late next week; 14-down lb. 73.00 1.50 higher; 14-17 lb. 74.50 ship late next week; 14-17 lb. 71.50-74.50 2.25-4.00 higher; 17-20 lb. 62.50-65.00 1.75-4.25 higher; 20 & up 53.00-53.25 75-1.00 higher. Picnics 4-8 lb. 39.00-39.25 4.00 higher. Boston Butts 4-8 lb. 46.50, late 52.00. Spareribs 3-dn. lb. 68.00, frozen; 3-5 lb 57.00, frozen. Skinned Hams 14-17 lb. 96.00 4.00 higher, 17-20 lb. 93.00-94.00 1.00-2 higher; 20-26 lb. 89.50 2.50-3.50 higher; 26-& up lb. 74.00 2.00-2.75 higher. Bellies, Sdls. 10-12 lb. 44.00 Steady to 1.50 higher; 12-14 lb. 43.50-44.00 50-1.00 lower; 14-16 lb. 44.00 Steady to 1.50 higher; 16-18 lb. 40.50-41.25 25-50 higher; 18-20 lb. 36.00-37.00 1.00-1.50 higher.

Pork Feet, Toes On 15.00, Frozen. Pork Hearts 29.00, Frozen. Pork Tails 13.00, Frozen. Pork Head Meat 37.00, Frozen. Pork Jowls 18.00, Frozen.

St. Louis Cattle

December 9, 1976

WEEKLY CATTLE REVIEW

Receipts this week 8,900: Week ago 9,000: Year Ago 10,300

As compared to the previous weeks close, Slaughter Steers 50 to mostly 1.00 lower. Slaughter Heifers mostly 50, instances 75 lower. Cows 1.50-2.00 lower. Bulls steady to weak. Supply mainly mixed Good and Choice 2-4 1000-1175 lb. Slaughter Steers, around 25 per cent Heifers, 10 per cent cows.

SLAUGHTER STEERS: Limited volume Choice and Prime 2-4 1025-1175 lb. 39.00-39.50. Choice 2-4 950-1250 lbs. 38.00-39.50, Mostly 38.00-39.00. Mixed Good and Choice 2-3 900-1175 lbs. 37.00-38.50. Good 2-3 34.00-37.00. Standard to Good 2-3 Holsteins 950-1225 lbs. 28.00-32.50.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1025 lbs. 37.50-38.00. Choice 2-4 800-1050 lbs. 36.25-37.50. Mixed Good and Choice 2-3 700-950 lbs. 34.00-36.50. Good 2-3 31.00-34.00. Standard to Good 2-3 30.00-31.50.

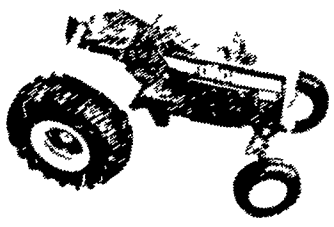
COWS: Utility and Commercial 20.00-22.50. Utility 1-2 1200-1600 lbs. 22.50-23.00, late 22.50. Canner and Cutter 18.00-21.00. Low Dressing Canner 14.00-18.50.

BULLS: YG 1-2 1000-1700 lbs. 26.00-28.00: 900-1050 lbs. 24.00-26.00.

FEEDER: Including around 2200 at Thursday auction. Feeder Steers and Heifers very uneven, generally steady to 1.00 lower, few early sales Heifers 1.00-2.00 lower. Normal buyer attendance. Supply mostly Choice and Mixed Good and Choice 400-850 lb. steers and 350-700 lb. Heifers.

FEEDER STEERS Choice 375-500 lbs 36.25-38.00; 500-700 lbs. 35.00-38.00; 700-850 lbs. 34.50-37.25. Mixed Good and Choice 350-600 lbs. 31.50-35.50. Few Good 450-550 lbs. 30.75-32.00.

FEEDER HEIFERS: Choice 350-500 lbs. 29.00-32.50, 500-725 lbs. 29.50-32.25; Lot 833 lbs. 33.25. Mixed Good and Choice 450-600 lbs. 27.00-29.50. Good 375-600 lbs. 22.00-26.00.



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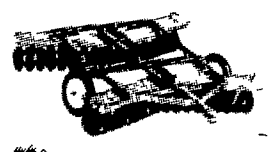

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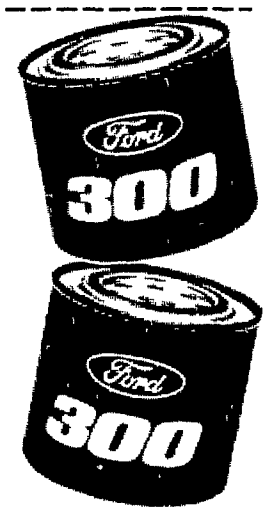

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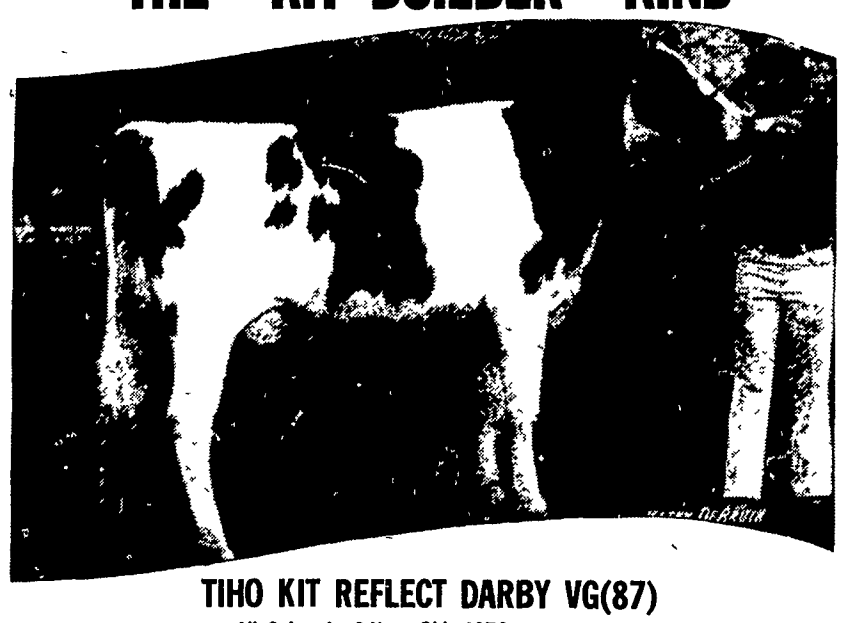

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Livestock market

Lebanon Valley Auction

Fredericksburg, Pa.
Dec. 7, 1976

CATTLE 417. Compared with last Tuesday's market, slaughter steers grading Good about steady. Slaughter cows $1 to $1.75 lower. Few Choice No. 2-3 1050-1200 lbs. slaughter steers 40.10-42.00, Good 36.10-40.25, few Standard 33.50-36.10, few Utility 29.50-33.00. Few Choice slaughter heifers 36.10-40.00, Good 31.25-35.50, few Standard 30.10-33.25. Utility & High Dressing Cutter slaughter cows 23.75-26.10, Cutters 22.75-25.00, Canners 21.00-23.10, Shells down to 18.10. Few Good slaughter bullocks 34.10-37.75, few Standard 31.85-33.85, few Utility 29.10-32.85. Few Yield Grade No. 1 1300-2300 lbs. slaughter bulls 30.50-34.75.

CALVES 261. Vealers grading Good & Choice $1 to $5 higher, Standard & Good 70-110 lbs. $1 to $2 higher. Choice vealers 60.00-69.50, Good 43.00-54.00, Standard & Good 110-130 lbs. 34.00-41.50, 90-110 lbs. 28.00-34.00, Standard 70-85 lbs. 22.00-28.00, Utility 50-65 lbs. 5.00-25.00. Farm calves, holstein bulls 90-120 lbs. 30.50-43.00.

HOGS 375. Barrows & Gilts $3.75 to $4.50 higher. US No. 1-2 195-230 lbs. barrows & gilts 40.00-41.35, No. 1-3 200-240 lbs. 39.85-41.00, No. 2-3 215-245 lbs. 38.25-39.85. US No. 1-3 350-500 lbs. sows 24.00-26.25, No. 2-3 400-650 lbs. 22.25-25.25. Boars 19.00-22.75.

FEEDER PIGS 5. Not enough of any one grade to establish a market.

SHEEP 8. Few Good 65-80 lbs. wooled slaughter lambs 35.00-39.00.

Carlisle

December 7, 1976

CATTLE 241. Compared with last Tuesday's market, slaughter steers uneven, spots $1.50 higher to $1.50 lower. Slaughter cows mostly steady to 75 cents lower. Choice slaughter steers 39.75-40.75, Good 34.50-38.60, Standard 29.75-33.25, Utility 25.75-28.00. Good slaughter heifers 34.25-38.10, Standard 29.60-30.00, few Utility 19.25-24.75. Utility & High Dressing Cutter slaughter cows 24.25-25.25, one at 25.75, Cutters 22.00-24.10, Canners 19.85-22.25, Shells down to 17.00. Good slaughter bullocks 31.25-33.00, Standard 28.25-29.75, Utility 23.50-26.75.

CALVES 183. Vealers mostly $1 to $3 lower. Few Prime vealers 57.50-62.50, one at 68.50, Choice 47.50-58.00, Good 36.00-45.50, Standard & Good 110-130 lbs. 31.00-37.00, 90-110 lbs. 26.00-33.00, Standard 70-90 lbs. 19.50-24.50.

HOGS 367. Barrows & Gilts $1.25 to $2 higher. US No. 1-2 200-245 lbs. barrows & gilts 39.00-39.85, No. 1-3 200-260 lbs. 37.25-38.50, No. 2-3 200-270 lbs. 36.10-37.25. US No. 1-3 300-570 lbs. sows 28.50-29.00, No. 2-3 300-600 lbs. 24.50-25.00. Boars 17.00-18.00.

FEEDER PIGS 156. US No. 1-3 20-35 lbs. feeder pigs 12.50-18.00 per head, No. 1-3 35-50 lbs. 19.00-28.50, No. 1-3 50-60 lbs. 30.00-34.00.

Middleburg

Middleburg, Pa.
December 7, 1976

CATTLE 302. Compared with last Tuesday's market: High Choice and Prime slaughter steers 1050-1275 lbs. 41.75-43.00, Choice 950-1250 lbs. 40.10-42.25, Good 900-1200 lbs. 36.00-40.50, Standard 34.00-36.00, Utility 30.00-34.00. Choice slaughter heifers 36.75-39.10, Good 32.50-36.75, Standard 28.00-32.50, Utility 22.00-28.00. Utility and High Dressing Cutter slaughter cows 23.85-25.35, Cutters 22.00-24.75, Canners 20.00-22.00, Shells down to 17.00. Good slaughter bullocks 32.50-36.60, Standard 28.00-32.50. Yield Grade No. 1, 1000-1650 lbs. slaughter bulls 28.00-34.25, Yield Grade No. 2, 24.25-28.00. Good 400-650 lbs. feeder steers 25.00-36.75.

CALVES 215. Prime vealers 709.00-72.50, Choice 65.00-70.00, Good 55.00-65.00, Standard and Good 110-130 lbs. 32.00-55.00, 90-110 lbs. 27.00-45.00, Standard 75-85 lbs. 18.00-27.00. Farm Calves: Holstein bulls 90-115 lbs. 35.00-41.00.

HOGS 522. US No. 1-2 200-225 lbs. barrows and gilts 36.90-38.30, No. 1-3 190-250 lbs. 36.00-37.10, No. 2-3 250-300 lbs. 35.00-36.20. US No. 1-3 250-400 lbs. sows 27.25-32.50, No. 2-3 500-600 lbs. 25.50-27.00. Boars 200-550 lbs. 17.25-25.50.

FEEDER PIGS 277. US No. 1-3 10-20 lbs. feeder pigs 5.50-15.00 per head, No. 1-3 20-40 lbs. 15.00-30.50 per head.

SHEEP 7. Good 75-110 lbs. wooled slaughter lambs 38.50-43.50.

Seeds respond to magnetism

MACOMB, Ill. - Magnetic treatment of seed corn produced a dramatic increase in emergence of early planted corn, or corn which is subjected to extended periods of low temperature, according to Safwat Moustafa, who conducted experiments for several years at Western Illinois University, here.

According to Dr. Moustafa, corn in the cold weather tests had up to double the emergence when magnetically treated as non treated corn, at certain stages of the test. In cold weather conditions much of the untreated corn didn't emerge at all.

Moustafa, who is now on leave from WIU to work at Oklahoma State University, Stillwater, Ok., says the conditions he approximated in the tests were similar to those found in McDonough Country, Ill., (where WIU is located) the first half of April.

Henry Lapp, left, was one of honored Jamesway dealers. He received his plaque from John Belstra.

Jamesway representative Robert Cooper, center, congratulates dealers Albert Bobb, left, and Fred Calkins.

Jamesway dealers cited

CARLISLE, Pa. - Two southeastern Pennsylvania equipment dealers were recently named "Outstanding Power Choring Dealer" at the annual Jamesway dealer sales meeting held here.

They were Henry S. Lapp, of Gap and I.G.'s Ag Sales of Silverdale. Both received a recognition plaque for outstanding sales and service.

Awards were made at a recognition banquet for dealers and wives held on the first evening of the two-day meeting.

Dealers were commended for their record-breaking sales, and were introduced to new products including the Convey-N-Feed cattle feeder, a manure-moving system operated by compressed air, and three major optional additions to the Jamesway Volumatic II silage distributor-unloader.

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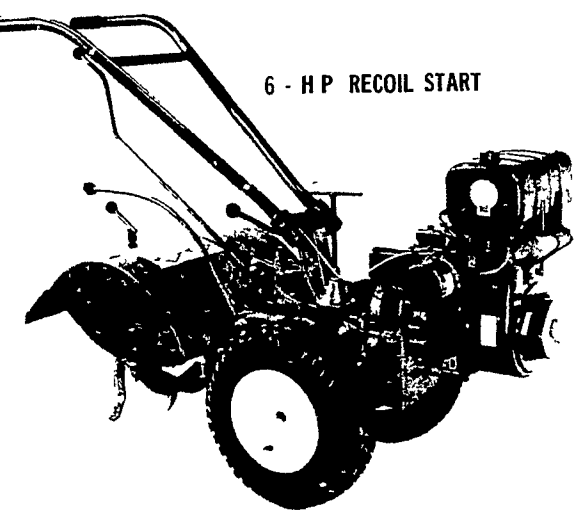

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EDITORIAL COMMENTS

BY DIETER KRIEG, EDITOR

Could ag exports bring harvest of liberty?

In this give and take world of ours, the United States has a noble record of sharing its wealth with those who are less fortunate This is true for the nation as a whole, and for individual Americans It's something we can be proud of and thankful for

On the other hand, agricultural export policies have from time to time been handled in such a way that they're far from fair It's a situation which will hopefully be corrected. America has been overly generous with some countries - specifically the Soviet Union - in allowing them to purchase grain at bargain prices and very liberal credit terms.

Most every individual American has debts to pay, so does our government. It makes sense to have sound financial agreements which insure that payments will be forthcoming. Considering that the USSR has ripped Uncle Sam off for $263 billion during the last 60 years, our contracts with the Soviet's haven't been too reliable. It's time to insist on some hard cash.

Granted, debts can't hardly be done away with completely. But there is a difference between making an effort to pay and simply making a token payment or gesture now and then, or even ignoring them.

Although the Soviet Union is not by any means America's largest grain customer, they have received liberal enough terms which would lead one to believe this were true. Japan and West Germany, among others, have been large, steady, and reliable customers who pay That's one reason we see so many Japanese and German products in this country They're paying for our grain and soybeans in terms of cars, cameras, radios and precision instruments

Russia doesn't have much to offer to the United States. Their technology is behind ours (in spite of the liberal assistance we have given them for decades) and their products aren't much of a match for what we have of our own

What the Soviet Union does have - energy reserves - we aren't likely to get Trade agreements have been made to this effect, but if the past is any indication of the future, precious little of the energy will come to the U S after American technology has the stuff flowing smoothly

Ironically, the Soviet Union has the potential to produce enough grain to meet its own needs In fact, there are reports coming out of the Kremlin that they are doing just that And, as was noted in last week's commentary, in 1974 the Soviets exported nearly an identical amount of grain as what they imported from the U S This should indicate that they didn't need our stuff in the first place But they scooped up our commodities anyway in order to make a quick buck by turning around and selling it for considerably higher prices. The whole incident turned out to be highly embarrassing to the U S government and the American public, and spelled - per cent of the land in the Soviet Union produces more than a quarter of total agricultural output That three per cent land area is not some super soil It's composed of small private garden plots - the only out d-i-s-a-s-t-e-r for a sizable segment of the farm population

It's a known fact that about three privately owned land allowed under the communist system. That speaks well for what can be done in a free enterprise system where there is some incentive to produce and motivation to plan wisely. State owned and operated lands are inefficiently operated Sadly, this is true of communist-run systems in other countries.

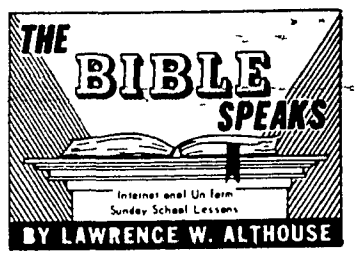
It would not be realistic to even think for a moment that the U.S. can do without foreign agricultural trade. But it isn't unrealistic to establish a policy by which an enemy nation can no longer get the bargains while friendly allies are left to wonder why: Furthermore, some sort of payments should be insisted upon. And if the credit is bad - as it is with the Soviet Union - then it should be strictly cash deals. There should also be an understanding that purchase orders can't be placed without taking other contracts into consideration. In other words, don't sell the goods today for $3 and then find out three days later that demand would have developed strong enough to get $3.50

One of my pet ideas is that any trade with communists should yield freedom and liberty for the people that wicked system enslaves One must remember that communism isn't a paradise for all, as advocates of the system would like to have us believe Only about six per cent of the population belongs to the Communist Party, and they join only by selection and invitation These party members are the ones who live high on the hog, while the general population is left out of the picture

It's not likely to happen that people behind the Iron Curtain and elsewhere would be freed due to Americans making trade deals which include such a bargain The Helsinki Agreements were to have allowed Eastern Europeans more freedoms Predictably, they didn't Uncle Sam was taken advantage of; and he's likely to continue to draw the shorter ends of Kremlin deals for as long as he speaks softly and carries no stick

It's time to insist on a better deal - cash if that's all we can get - but better yet, freedom for peoples in communist nations as well

I wouldn't want to be the farmer who supplies the communist border guard with grain for bread in his belly, and then learn of him shooting a man in the back for wanting to seek a new life in the West If they want our grain let 'em stop shooting first



MAGNIFICAT!

Lesson for December 12, 1976

Background Scripture:
1 Samuel 2:1-10;
Luke 1:39-79
Devotional REading:
Luke 1:68-79.

Four miles outside the city of Jerusalem (urban sprawl keeps it from seeming that far) is the little Judean hill town of Ein Karem. From the ultramodern Hadassah Medical Center one can view the ancient town and its monuments to John the Baptist. For here according to tradition John the Baptist was born (marked by a Franciscan church and monastery). Another Franciscan monastery stands beside the hill cave where it is believed John lived the last years of his life.

Most important for the Christian pilgrim, however, is the lovely Franciscan Church of the Visitation, commemorating the ecstatic encounter between John's mother, Elizabeth, and her younger cousin, Mary, from Nazareth. Whether or not the tradition is correct in identifying Ein Karem as the "hill country - city of Judah" in Luke 1, the pilgrim can hardly escape catching there a spiritual glimpse of that great occasion which we commemorate again each Advent season.

Filled with the spirit

Mary's quiet, uneventful life had been jolted by her own experience of God's messenger who came to her in Nazareth and told her that she was to become the mother of the Messiah. Informed that her cousin Elizabeth was also to bear a child of religious significance by the power of the Holy Spirit, Mary rushed to visit with her. She needed to talk to someone who might understand. Who in Nazareth would believe her or know how to help her?

Entering the house of Zechariah and Elizabeth, she greeted her cousin in the customary way. But Elizabeth's response was anything but customary. Without understanding what was happening within her, Elizabeth felt her unborn son move viborously in her womb. This was no mere kicking movement experienced by many pregnant mothers - to-be, but something much more than that! A wave of pure joy seemed to engulf her and without thinking of what she was saying, she exclaimed: "Blessed are you among women, and blessed is the fruit of your womb!" (1:42). Elizabeth heard her own words with amazement and went on to explain to her cousin what had prompted this ecstatic outburst.

My spirit rejoices!

But something was happening in Mary too. Caught up in a spiritual excitement few have ever known, she exclaims, "My soul magnifies the Lord, and my spirit rejoices in God my Saviour" (1:46,47). The words come from her own mouth but their source seemed to be "Something Other." In her ecstatic song, Mary expresses her awe, her thanksgiving for what God is doing in her, and prophecys of the mighty works he will yet accomplish in the days ahead. (This "song" is known as the Magnificat, after the Latin word which we translate into English as "magnifies").

Mary "magnified" the Lord. Caught up in awe, wonder, and thanksgiving, her heart overflowed with praise and joy.

In the winter light of this Advent season let us experience our own Magnificat!

NOW IS THE TIME...

Max Smith
County Agr. Agent
Telephone 394-6851

TO PREPARE FARM SHOW EXHIBITS

The 1977 Pennsylvania State Farm Show is only a month away; the deadline for some entries, such as livestock, has already passed; however, there is still time to enter many other items. We urge those interested in being an exhibitor to secure a premium list and follow instructions carefully. Also, entry blanks will be needed for most items that are to be entered in the next month. All animals to be exhibited must be treated for various infections, and your local veterinarian can be of assistance for these regulations. Farm Show provides an opportunity for producers and homemakers to display their products. We urge continued participation and considerable effort in preparing a quality exhibit.

TO DO ESTATE PLANNING

Increasing land values, higher salaries, and higher insurance coverage are some of the factors contributing to larger estates at this time. The larger the estate, the higher the inheritance gift, and income tax obligations become; a sound family financial plan requires some estate planning. We suggest (a) a careful listing or inventory of everything that the family own and owes; (b) a plan for continuing financing of the family or business as long as the owners live; and, (c) a plan for the transfer of everything tht is owned when the owners die. Good estate planning is a vital part

[Continued on Page 12]

Farm Calendar

Today, Dec. 11

Ore Valley 4-H Achievement Night, 7 p.m. at the Red Lion Grange.

Sunday, Dec. 12

National Young Farmers Institute, today through Wednesday in Denver, Colo.

Monday, Dec., 13

Lancaster County Farmers Association kick-off meeting at the Willow Valley Restaurant, 7 p.m.

Tuesday, Dec. 14

Garden Spot Young Farmers hold a crop-soil management meeting, with special emphasis on chisel plowing. Meeting begins at 7:30 p.m. at the high school. Some equipment will be on display. Three speakers. GSYFA officers meeting precedes this meeting at 7 p.m sharp.

Conference on Milk Marketing, today and tomorrow, Washington, D.C.

York County Dairy Princess Promotion Committee meets at 7:30 p.m. at the Production Credit Bldg., 3301 West Market Street, York.

Wednesday, Dec. 16

Red Lion Young Farmers hold meeting on Farm Business Analysis and Records. At the high school, 8 p.m.

Thursday, Dec. 16

GSYF to tour father-son partnerships. Leave Garden Spot High School parking lot at 12:30 p.m., return 4 p.m.

LETTERS TO THE EDITOR

Dear Editor:

In your recent series on weather control (a portion of the Weather Report) a serious misrepresentation must be corrected. Mr. Blackadar of Penn State said that the cloud-seeding law of Pennsylvania did not allow weather modification to be conducted within the state. This is not true.

Because the law in Pennsylvania allows cloud seeding for the purpose of rain making. It also requires publication of intentions in the news media and a complete report on results. Unfortunately for Pennsylvania farmers, Penn State never did any rain making in their cloud seeding because they were after negative results.

The law in Pennsylvania was passed to allow rain making because Charles Hosler (head of the meteorology dept. at Penn State) in the past attempted to assure the farming public that cloud seeding always increased rainfall. Yet he and Blackadar hollered foul ball and have attempted to make the public believe that cloud-seeding is illegal.

This whole cloud-seeding outfit is a professional mob of syndicated gangsters.

Sincerely,
Paul G. Hoke
St. Thomas, Pa.

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Now is the time

[Continued from Page 10]

of good farm or business management.

TO PARTICIPATE IN EDUCATIONAL EVENTS

Most of us have more meetings than we can possible attend; however, we continue to urge local folks to accept educational workshops and meetings when they cover particular interests or enterprises. Many business concerns, as well as those working in the educational field, hold meetings and seminars for producers and local citizens. Most of these are very useful and considerable practical information is given. The practices connected with agriculture, home grounds, and gardening are constantly changing; new methods and materials are being developed. Many of these can be accepted by a majority of our local folks. We urge everyone to take note of the various events being offered and attend as many as possible that apply to your particular interests or line of work.

TO USE CORRESPONDENCE COURSES

Pennsylvanians have a real easy opportunity to learn more about a number of subjects by way of Penn State's correspondence courses; they are offered in many subject matter areas such as agriculture, family living, and community development. These are lessons that are sent by mail from Penn State at a nominal charge.Thousands of Pennsylvanians have already benefited from this type of informal education; the lessons can be studied and questions answered during leisure time, when the student goes about his or her daily work responsibilities. A circular explaining these courses is available from any Extension office.

Chem-Gro Fertilizer Company at East Petersburg held an Open House on Thursday which was attended by approximately 300 people. Aside from presentations on limestone, fertilizers, blending materials, and herbicides, the visiting farmers were also informed about the company's expansion programs. Chem-Gro is currently constructing a new fertilizer plant which will double its present capacity, and just recently finished building a new truck shop and warehouse. Serving five southeastern Pennsylvania counties, the firm also hired two additional salesmen to help handle the growing fertilizer business.

Tractor pull assn. in making

NEWVILLE, Pa. - A Resentative Group of Pullers who have participated in the 1975 and 1976 Cumberland Valley tractor pulls held on the Newville Community Fair Grounds met Dec. 6, and laid the groundwork for formation of an association. The meeting was held at the Big Spring High School.

Presiding was Bruce E. Lemmon, Newburg R1, who has served as General Chairman for all the pulls throughout the two years.

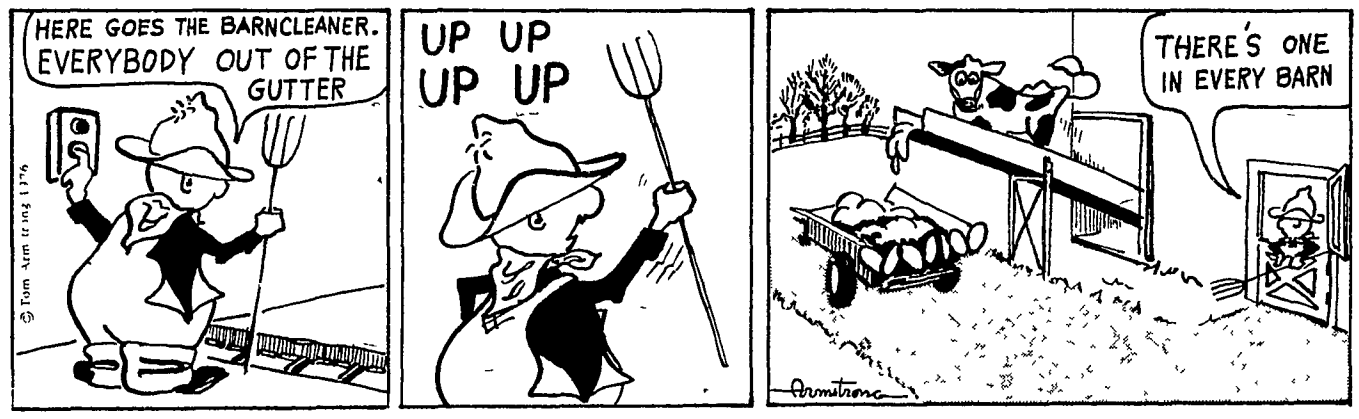
A tentative constitution and by-laws was submitted and reviewed by those present, with alterations and recommendations.

An acting board of directors was selected and consisted of Bruce E. Lemmon, Lee Fickes, Wayne Peffer, Paul Hoch, Harry C. Barrick, Jr., Marlin Miller, Clyde Barrick, Boyd Weary and Leon K. Wagner.

Their duties will be to prepare for a general membership drive meeting to be held January 3, 1977 at the Big Spring Middle Lyceum at 8 p.m.

In order to afford immediate membership in the new association, the acting directors established annual memberhip dues of $10 for regular active members. Consideration was also accorded the future young pullers by creating a junior membership of $5 for all under 16 years of age as of January 1, 1977.

RURAL ROUTE — By Tom Armstrong



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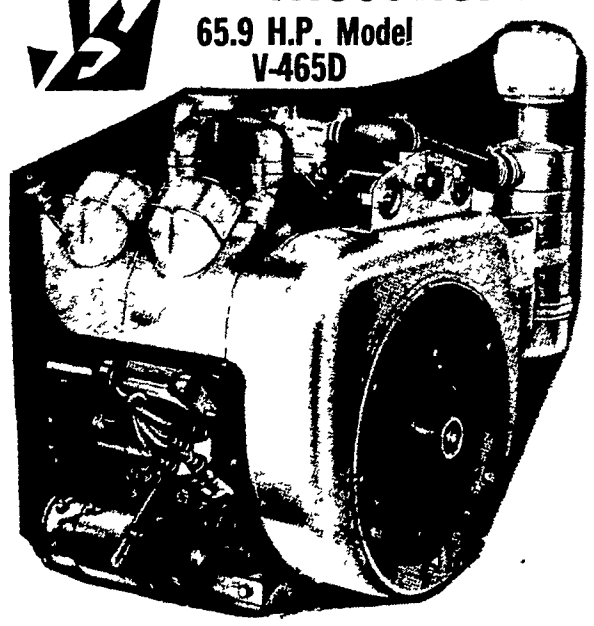

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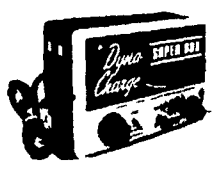

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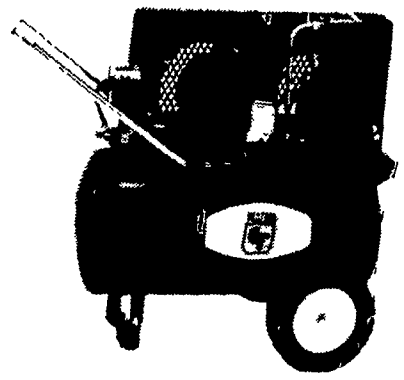

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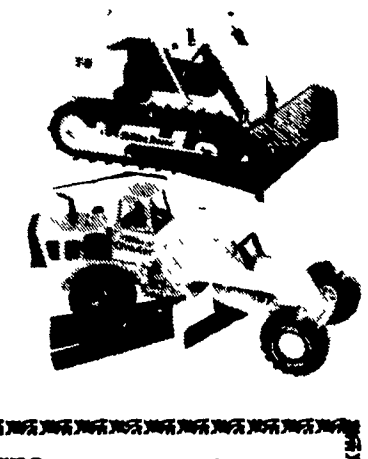

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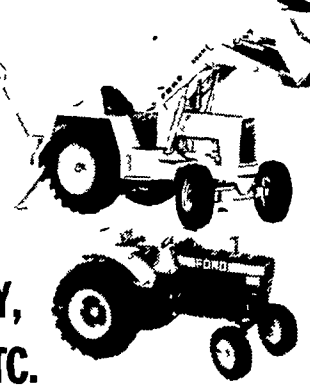

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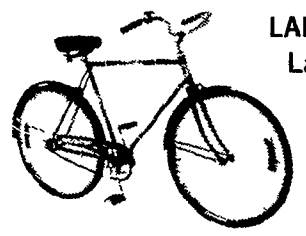

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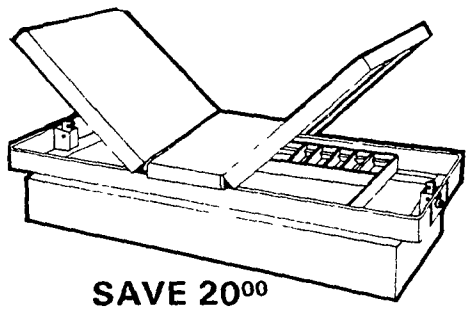

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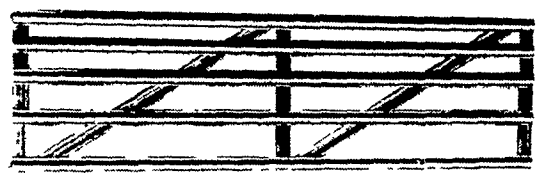

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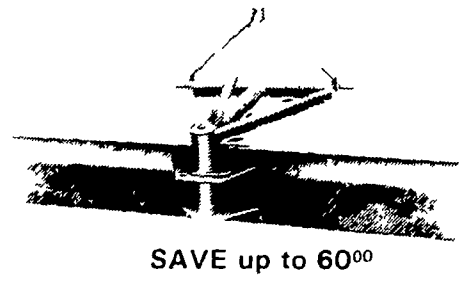

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Hay seeds scarce

[Continued from Page 1]

was red clover, a crop which has lost some ground in recent years, but is still the most widely grown legume in the state. He noted that at one time red clover was planted on some 3 million acres in Pennsylvania, whereas today it is only about a third of that amount. Still, that's roughly about 175,000 acres ahead of alfalfa.

Lancaster County seed dealers confirm Baylor's statement on the potentials of a seed shortage, especially certified varieties. Alfalfa seeds, it was explained, come primarily from California and the Pacific Northwest, where a combination of weather patterns and lack of bee activity played havoc with production. An excellent crop had been expected prior to that Baylor said too that 1976 had looked like a year where some real breakthroughs in seed varieties might become available to farmers, but the shortage is likely to postpone that.

France, normally a big exporter of alfalfa seeds, was hit by a severe drought this Summer, as was much of the rest of Europe. Consequently, France and other European nations are importing seeds this year, thus putting a further strain on already tight U.S. supplies.

Alfalfa seed is expected to cost anywhere from $1.70 to $2.60 per pound at the better known seed houses in the area. "But if a farmer is selling over the fence to his neighbor, the prices wouldn't be near that," said one spokesman. Neither are those seeds likely to be certified and treated.

The crunch on red clover is not expected to be as serious as what it may be with alfalfa, although prices will be up noticeably as Baylor predicted. Farmers might expect to apy a minimum of $1.10 per pound at the seed house. One man's observation was that there will probably be as much red clover seed available as what was planted last year.

The only good news in regards to seeds comes for corn and short-season soybeans. Both are said to be in good supply and coming from good crops. Nevertheless, farmers can expect an average six per cent price increase. "This does not reflect any shortage, however," said one dealer.

According to Baylor, red clover yields can be increased significantly if and when the newly developed seed varieties become broadly available. In more than a few instances, red clover production on Penn State research plots has been doubled. Under good management, stands could be kept for three to four years, Baylor said. If stands are kept for a couple years, Baylor predicts that red clover will have greater impact on forage production in the Commonwealth. While the legume is now playing second fiddle to alfalfa, it has the potential to rival that crop in years to come.

New seed varieties are forthcoming. "In fact, fellows, we have 'em now," Baylor stated. The varieties showing the most promise are Kenstar, Redland, Florie, Florex, and Arlington. The latter is not expected to become available, but it has real potential to produce, the Penn Stater pointed out. Redman is thought to be the best of all of the above, but won't be widely distributed either due to it being a privately developed variety.

Picking up a piece of chalk and using the blackboard to illustrate how new red clover varieties compare with the old standard - Pennscott, Baylor revealed these figures:

Rating Pennscott at a production level of 100, Redman compares with a rating of 167, Florie 162, Redland 137, and Kenstar 130. All yield readings were taken in the first year of establishment.

The simple reason for the improved red clover varieties is that they are more disease resistant than any of those previously on the market. We have some real opportunities, although we must wait on availability," Baylor concluded.

TRY A CLASSIFIED

The Board of Directors of the Lancaster County Poultry Association met recently at the Farm and Home Center for their monthly meeting. The members are (front - left to right) Walter Shaub, Stevens, secretary; Harold S. Musselman, New Holland, vice president; Ed Moshier, Lititz, president; Ronald Meck, Denver, treasurer; Martin K. Pflieger, Manheim. (Back - left to right) John D. Hoffman, Pa. Poultry Federation, advisor; Jay W. Irwin, Lancaster County Extension agent, advisor; Stanley Musselman, Quarryville; John W. Melhorn, Mt. Joy; Ralph Seaman, Lititz; James D. Hess, Lititz; John R. Huber, Jr., Lititz; Melvin Shumaker, New Holland, Victor Weaver, Inc.

Laboratory licensed for bovine leukemia

NEW YORK, N.Y. - The U.S. Department of Agriculture has licensed the first veterinary biological testing kit for diagnosis of bovine leukemia.

Bovine leukemia is a malignant disease of cattle, which - although clinical signs are rarely observed in the United States - may infect up to 90 per cent of the animals in a herd. Clinical symptoms include enlarged lymph nodes, lymphoid tumors, loss of condition, lowered milk production, paralysis, infertility and gastronintestinal disturbances.

USDA's Animal and Plant Health Inspection Service (APHIS) has issued a license to Pittman-Moore, Inc., of Washington Crossing, N.J., for manufacture and distribution of the biological products needed to perform the bovine leukemia glycoprotein immunodiffusion (BL-GLD) test.

Animal health officials say the BL-GLD test can rapidly and accurately test for virus antibodies associated with bovine leukemia. Through the test, livestock exporters may be able to develop BL-free herds and thereby more easily meet the import requirements of certain foreign nations. The test will also permit more intensive study of bovine leukemia and its economic importance.

Virginville Grange

VIRGINVILLE, Pa. - The Virginville Grange received a new member, Lousie Greenawolt, at their latest monthly meeting. It was announced during the business segment that permission was granted from the fire company to the Grange for the use of the ball diamond this summer. The entertainment for the meeting was presented by Marion Grange.

Some upcoming dates are: December 8 - Junior Grange members will go caroling; December 15 - Christmas party at 7:30 of Virginville Grange with Santa as guest. Bring a dessert.

The New Year committee is comprised of Mr. and Mrs. Harvey Smith and Mr. and Mrs. Paul Balthaser.

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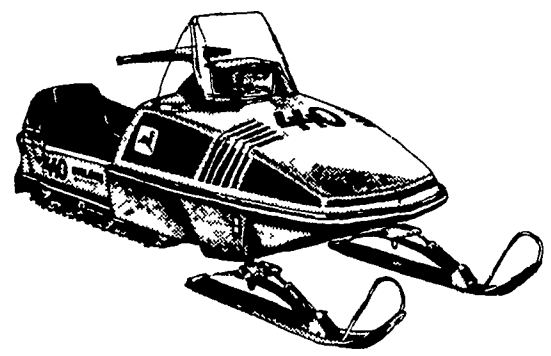

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Chester Co.

Wylie takes top honors at beef roundup

WEST CHESTER, Pa. - Dave Wylie, Nottingham, received the winning nod by Judge Henry Gruber to have his 1210 pound steer selected grand champion at the Chester County Beef Roundup held November 22 at Crebilly Farm, West Chester. Wylie received a silver tray donated by Mr. and Mrs. James K. Robinson, Jr. and will be showing his champion steer at the Pennsylvania Farm Show at Harrisburg in January.

The reserve grand champion steer was a 1290 pound Angus Chianina cross shown by John Holloway of West Chester. He received a silver platter donated by Mr. and Mrs. Robert Kerstetter, West Chester. John will also take his steer to Harrisburg to represent Chester County in the Pennsylvania Farm Show.

In the fitting and showmanship competition, Judge David Kantner, Schuylkill County agent, chose Dawn Gidner as winner in the first year competition. She received a show stick donated by Creutzburg & Son, Malvern. In the junior division, for members under 14 years of age, Bill Wylie was chosen as first place and received a show kit, donated by Creutzburg & Son, Malvern. In the senior showmanship competition, for members over 14, Dave Wylie, Nottingham captured the top spot, and received a plaque donated by the Howard Smith Family.

Top placings in the five type classes are as follows: Class 1 - 910-970 pounds (1) Glenn Stoltzfus, Morgantown; (2) Cheryl Wojtowicz, Downingtown; Class 11 - 990-1040 pounds (1) John Leroy, Birchrunville; (2) Robert Dore, Glenmoore; Class III - 1050-1110 pounds (1) Dawn Gidner, Thornton; (2) Joan Anderson, Pocopson; Class IV - 1160-1210 pounds (1) Dave Wylie, Nottingham; (2) Barbara Sickler, West Chester; Class V - 1270-1350 pounds (1) John Holloway, West Chester; (2) Bill Wylie, Nottingham.

Eight steers were chosen to attend the 1977 Farm Show in Harrisburg in January. The remaining 22 were shown and sold at the district beef show held Nov. 23 at Lancaster Stockyards.

Mrs. James K. Robinson, Jr., West Chester presents the Grand Champion tray to Dave Wylie, Nottingham, at the Chester County Roundup.

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71 dairymen top

(Continued from Page 1)

the county, with an average of 19,248 pounds of milk and 713 pounds of fat. Following closely was Curtis E. Akers, Quarryville R1, with 711 pounds of fat and 18,131 milk.

The 71 figure is the highest number ever recognized for fat production and is up from nearly 50 last year. In Lancaster County there are 439 herds on official test, with an average of 53.8 cows per herd.

In addition to Martin, others who received plaques for being leaders in their breeds in milk production were: Ayrshire, Harold G. Shelly, Manheim R2, with a record of 14,327 milk, 598 fat; Brown Swiss, Donald B. Trumble, Peach Bottom R2, 12,512 milk, 513 fat; Guernsey, K.D. and Else Linde, Oxford R 1, 13,848 milk and 646 fat; Jersey, George and Doris Hough, Peach Bottom R 2, 10, 872 milk, 486 fat; mixed breed, John N. Shirk, Leola R 1, 18,293 milk, 681 fat. Linde's herd record was also the highest Guernsey herd in production in the state.

Plaques were also presented to three supervisors in recognition of their having completed over 20 years' service to the Association. They are Clarence Crider, Manheim; Jay Risser, Lampeter Road, Lancaster; and J. Wilbur Houser, Lampeter.

A summary of the 1976 Red Rose DHIA year reveals that average production per cow (all breeds) stands at 13,762 pounds of milk, which is 200 pounds above the state average and 261 pounds better than last year's tally. The fat test reading dropped a tenth of a point this year - from 3.9 to 3.8, but there was, nevertheless, a net gain of eight pounds in butterfat production. The County average of 529 pounds compares with the state average of 523 pounds and the 1975 average of 521 pounds.

Value of milk produced per cow has been pegged at $1406 this year, compared to $1171 a year ago. The state average is $1367. Value over feed costs stands at $810, up considerably from last year's $594 figure. The state average is $801.

Feed costs for Lancaster County's DHIA herds totalled $596 per head, which breaks down to $296 for grain and $300 for roughage and pasture. Per hundredweight of milk produced, the feed costs are pegged at $4.33.

The 71 dairymen who bettered the 600 pounds of butterfat mark are, ranked from top to bottom in consecutive order:

Rufus G. Martin, Curtis Akers, R. Edwin Harnish, Ben Stoltzfus, John Shirk, Henry Leaman, Robert Shelly, John Omar Stoltzfus, Harold G Shelly. J. Z. Nolt, Dan S. Stoltzfus, Henry Kettering, Paul Zimmerman, Calvin Beiler, Jacob Dienner, Russel Kline, Edgefield Farms, Jonas Zook, K. D. & Else Linde, Arthur Wenger, Abraham Shelly Jr., Don Ranck, John Lapp, Ammon Reiff, Ronald and Kathryn Kline, Jay Garber, Lancaster Mennonite Hospital, Jay L. Ranck, J. Mowery Frey, Jr., Robert Kauffman, (Peach Bottom), Aaron Beiler, David L. Landis, and Conewago View Farms. All of these had 630 or more pounds. The list continues with Raymond and Louise Witmer, Glenn Book, Rohrer Brothers, Emanuel Smucker, John Harnish, Ivan Stoltzfus, Clyde Martin, John Beiler, Paul Horning, Allen Stoltzfus, Allan Shoemaker, P. Robert Wenger, Robert F. and Joan B. Book, Earl N. Landis, Paul Welk, Robert Kauffman (Elizabethtown), S. R. Shellenberger, Christian Zook, Titus B. Stoner, Elam Bollinger, Irene Sauder, John Stoltzfus, Furry Frey, Moses Lapp, J. K. Hershey, Ellis Kreider, Ben S. Stoltzfus, Vernon Umble, Naaman Stoltzfus, John B. Stoltzfus, Jr., Andrew Miller, Donald Eckman, M. Irvin Eberly, Nelson Wenger, Nelson Martin, J. Eby Hershey, Parke Ranck, and John M. Weaver and Son.

J. Wilber Houser and Jay Risser were cited for their years of service to the Red Rose DHIA program.

During the business meeting President Robert Kindig announced that a fee increase will go into effect on January 1, 1977. He pointed out that it is the first increase in testing fees since 1974.

The increase has become necessary, Kindig said, because of higher fees for fat testing and IBM testing at the state level, and because of the increasing costs of supplies, insurance, shipping and wages.

Kindig said, "The fee increase has been calculated to cover anticipated expenses to January, 1979.

The increase will amount to $.15 per cow per month in herds on the regular DHI testing program. Those on the AM-PM program will increase $.13 per cow per month; owner-sampler fees will increase $.10 per cow per month. Kindig also announced that the state board has dropped a charge for new cows being added to herd records. In the past this fee was $.25, per cow.

A by-laws for the organization was passed and put into effect during the business session.

Ag enrollment highest ever

UNIVERSITY PARK, Pa. - Student enrollment in the College of Agriculture at Penn State University this fall totals 3,650, an all-time record.

It is estimated that 70 per cent of the students come not from farms and rural areas, but from the urban and suburban areas of the state, according to Dr. Robert E. Swope, assistant dean for resident education in the college.

Noting the increase in total enrollment from 3,463 last year, Dr. Swope said that undergraduate student enrollment showed a gain of 5.4 per cent.

Since the fall of 1970, the enrollment figures have climbed by 184 per cent.

Graduate student enrollemnt also has gained, with a 24 per cent increase noted over the three-year period since 1973. The associate degree total, reported at 331, shows no change from a year ago.

Dr. Swope indicated that 28 per cent of the undergraduate students and 19 per cent of the graduate students are women.

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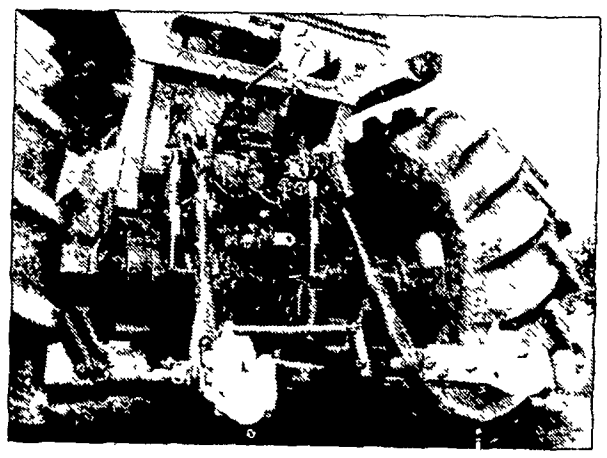

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Mr. and Mrs. Howard J. Mellott and son, Steve, of R. D. No. 2, Mercersburg (Franklin Co.), Pennsylvania have been named recipients of the State Alfalfa Growing Champion Award for 1976.

Their 4 cuttings of WL-311 Alfalfa and Pennlate Orchardgrass mixture yielded 8.21 tons of hay per acre - a crude protein yield of 2791 lb. and a TDN production of 9,112 lb. per acre - equivalent to nearly 100 bushels of Soybeans!

The Mellott herd of 70 holsteins averaged 16,600 pounds of milk and 628 pounds of butterfat during this past year.

Dr. John E. Baylor, Extension Agronomist, and John Shearer, Franklin County Agent, made the award during the recent Forage, Seed and Corn Conference.

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American ag

[Continued from Page 1]

Let's consider what has happened to agricultural exports.

During the past five years, agricultural exports have almost tripled in value, passing the $22 billion mark in fiscal 1976. In the same time period, U.S. grain producers have provided more than 90 per cent of the increase in the world grain trade.

This year, one half of the grain crossing international boundaries will come from U.S. farms.

Five nations are now more than billion-dollar agricultural customers - Japan, the Soviet Union, the Netherlands, Germany and Canada. A half-dozen more are well past the half-billion-dollar level.

Thriving agricultural exports have had a strong impact on farm incomes in this decade. In the past five years, net farm income has averaged $26 billion - more than double the level of the 1960's. That's when farmers produced a great deal of grain for the Commodity Credit Corporation instead of the marketplace.

The change has brought new life to the balance sheet of agriculture. By the end of this year, the value of farm assets should pass $636 billion. That is a gain of $49 billion this year, following a $65 billion increase last year.

Of course, a $3,925 an acre price tag for land, and hundreds of transactions in the $2,000 an acre range have had an impact on the other side of the ledger, too.

At the end of the year, total farm debt will have passed $102 billion - that's an increase of 12 per cent for the year.

Real estate and nonreal estate loans rose more rapidly this year than in 1975. Life insurance companies made a sharp expansion in their real estate loans. Interest rates eased a bit, but the record 8 to 10 per cent levels are expected to continue into 1977. Our USDA projections show that lending will rise further in 1977 because of strong demand and ample supply of credit.

This means financial savvy will continue to be a crucial skill for farmers and members of your profession. It's going to take more and more of your time.

The bottom line is clear, however. American agriculture is moving ahead today. It has the potential for even greater opportunity tomorrow.

I am confident when the economic history of this decade is written, American farmers and those who support him with goods, services and capital, will be recorded as economic super stars.

You can find vivid evidence of this if you travel from here down the Mississippi River to the Port of New Orleans. At the docks, you can see hundreds of Toyotas and Datsuns being unloaded from ships. As soon as the cars are removed, the same ships are loaded with thousands of tons of soybeans and other crops grown in Illinois, Iowa, Missouri and elsewhere.

This same scene is repeated at a score of other ports each day. The result, or bottom line is that agriculture makes a hefty contribution to our balance of payments.

This strengthens the dollar; generates jobs and helps pay for imported oil and other items. It benefits all Americans. There's a vital message here. One that affects the American Society of Farm Managers and Rural Appraisers, as you focus on the years ahead.

The demand for management and marketing know-how will continue to grow - at an accelerating pace. The premium will increase for those who can make more effective use of resources. It means you'll need to shift into high gear - and stay there. That's not enough, however.

Value of farm assets for 1976 is $636 billion; total farm debt for the year stands at $102 billion.

We must face other new realities, based on the fact that we are no longer a nation of farmers. In the national policy arena, the once powerful farm bloc no longer has the automatic attention of those who make our laws and chart our policy course.

Consumers, labor, and a number of other groups have more clout than agriculture. The number of farmers continues to decline. That migration reached a peak during the 1950's and 1960's when we lost 100,000 to more than 200,000 farms a year. This decade that loss has declined to about 28,000 farms per year. Today, there are fewer than 2.8 million farms, and fewer than five per cent of the population today lives and works on our farms, compared with about 25 per cent 40 years ago.

"I believe the number one item on the agenda is to help create better understanding of agriculture."

"The curtain is going down on the traditional separation of farm policy and food policy."

Richard Feltner

Today, senators and congressmen represent many more city folks than farmers. Fifty years ago, there were 251 congressional districts in which the farm population constituted 20 per cent or more the total. Now, there are only 49 congressional districts with 20 per cent or more farm population.

This has profound implications for all of us.

Professionals such as farm managers and rural appraisers have a unique challenge. Let's put it in focus.

As we look ahead at new farm legislation in 1977, we can expect a clamor of voices calling for a cheap food policy. Low food prices have great seductive effect in Washington, D.C., St. Louis, Chicago and in hundreds of other cities and suburbs. On the face of it, this has more appeal than concern for the prosperity of American Agriculture.

The basic truth is clear. Consumers want low food prices. Farmers know that farm prices must be strong enough to pay the expense, and compensate for making new investments in agricultural efficiency. Both can best be served by the marketplace, not government meddling.

When it comes to farm policy, if you build high floors under farm prices, you also impose ceilings on farm prices at the same time. It's inevitable. Over the long pull, there cannot be adequate supplies of food produced in any country which has a cheap food policy. Farmers have to use technology and capital to even make a dent in the world food needs ahead. To do so, requires that farmers produce for the marketplace, not the government. Whether we like it or not, the curtain is going down on the traditional separation of farm policy and food policy. This requires us to do a better job than ever of explaining the agricultural facts of life to the public. It is no longer good enough that only farmers understand the economics of food production.

As we face new legislation next year, there's a fork in the road: Either we can

[Continued on Page 18]

UNITE FOR AGRICULTURE'S FUTURE

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JOIN YOUR COUNTY FARMERS ASSOCIATION TODAY

Lancaster County Farmers Association plans their membership drive the week of December 13 thru 18. We need you for a member to help keep our association strong & effective. If you are not a member & wish to become a part of this growing organization, contact or send your $30 membership dues to the membership chairman:

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American ag

[Continued from Page 17]

continue along the route of market orientation, or we can return to government controls.

Memories are short. You all remember a few years ago when farmers were held back by government acreage controls. The role of the farm management specialists has changed with the changes in policy. Much of your farm management advice used to hinge around the government programs. The first decision was how many acres to leave idle - then what combination of crops to grow within the program framework. In the old days you were in a holding pattern on decision making until the details of that year's farm program had been announced in Washington.

We're in a new era today. Your opportunity for farm management decision making has a much wider area in which to operate.

As we meet today's challenges, American farmers and ranchers - and all of agriculture - must do a better job relating to the druggist on Main Street, and scores of opinion leaders in towns, suburbs and cities.

You, too, can be helpful in this task.

Just as certain as Jimson weeds come up in the springtime, consumers are going to play an increasing role in shaping agricultural policy. Hence, it is vital that they - as well as other interest groups with increasing clout - become well informed.

I believe a number one item on the agenda of agriculture is to help create greater understanding of agriculture. Explain what an operation farm really is. What it takes to make one go - or not go. We need to separate the wheat from the chaff on a myriad of other key issues.

Who are the most effective people in telling this story? Farmers themselves. Farm women. Members of your profession are especially qualified to speak up effectively about agriculture, too.

It's a real opportunity; indeed, a responsibility.

If there is any one thing that I believe after having moved to Washington and worked three years in the Federal government, it is that the government of the United States is responsive to what it believes to be the wishes of the people.

The key to that statement is the word, believes. If any group of people - consumers, farm managers, rural appraisers, businessmen, students, farmers, or any other group - feels strongly enough about an issue to contact their congressmen or the executive branch of government and voice their opinions, they will be heard. Their feelings, if well considered and articulated plainly, will be influential, too.

But it's not enough just to write one letter to your congressman or senator or secretary of agriculture and then forget it. Your responsibility is deeper than that.

Keep up with the issues of the day. Follow through on your recommendations, your criticisms, and your compliments. Don't make your communication with government a one shot deal which follows after the fact. Get ahead of the game and keep your representatives at all levels of government informed of how you feel before an issue comes up for a vote.

All of your communication should not be negative either. It's the easiest thing in the world to dash off an angry letter to get things off your chest - and effectively transfer the blame for poor government. The only way this nation's government can go off base is if we, as citizens, let it. This is true in farm policy, and many other public policy areas. We have to strive to learn about our government's strengths and weaknesses, then work through and around them.

A farm manager or a farmer can "tell it like it is" better than any Assistant Secretary of Agriculture or big corporation president.

I urge you to get involved. Speak up and speak out. Consumers, union members, supermarket owners, urban and suburban politicians and scores of others are interested in what you have to say on a subject which concerns everyone.

Just how interested is exemplified by an article in the November 21st issue of the Sunday New York Times. The fact that enrollment in this nation's agricultural colleges more than doubled - 41,800 to 98,200 in 11 years captured the attention of big city newspaper editors.

This important story, which in itself shows that agriculture is in the center ring of attention, did not appear on page 84 either.

It appeared on page one. Agriculture will be page one news for a long time to come. I urge each of you to speak up. So consumers, politicians, farm organization leaders and others can really understand what farming is all about.

Profits could be down

SMOKETOWN, Pa. - Profits for dairymen could be down slightly in 1977, but over all, it should still be a good year, says Boyd Gartley, director of public relations and communications for Inter-State Milk Producers Cooperative, Inc. The milk industry spokesman also said that farmers should concern themselves with the energy question.

Gartley made the remarks at the annual meeting of the Red Rose Dairy Herd Improvement Association, held here at the Good and Plenty Restaurant on Tuesday. He reminded dairymen that 1976 was an "up" year with regards to the dairy situation. He noted that diary prices were strong in 1976, dairy sales were up and there was a dramatic development in the expansion for demand of milk products. He said booming cheese sales provided much of the increase in sales which resulted in fluid milk sales being slightly above last year.

He said milk prices have been above support prices since mid-July and that prices should average about $1.00 per hundredweight more than last year.

He noted that part of the good production year for dairymen is the result of realizing gains from the genetic potential of dairy cows because overall cow numbers are declining.

Milk production, Gartley said after the meeting, will probably continue above average. He said the overall picture for dairymen looks good next year but profits could be down slightly with increased cost a probability. He did caution that there is potential for a surplus in 1977.

Boyd Gartley

He also noted that per capita consumption of dairy products is the equivalent of 546 pounds of milk.

Gartley said, "We have out-produced the needs of the world in wheat, with one billion bushels in storage. There isn't a person with money anywhere in the world that's hungry." He added, "There is no food shortage, only a distribution problem, and distribution of money is a problem."

Gartley strongly urged the farmers to concern themselves with the energy problem, "because the farmer has the most to lose. Agriculture is in a venerable position and needs to be especially aware of energy."

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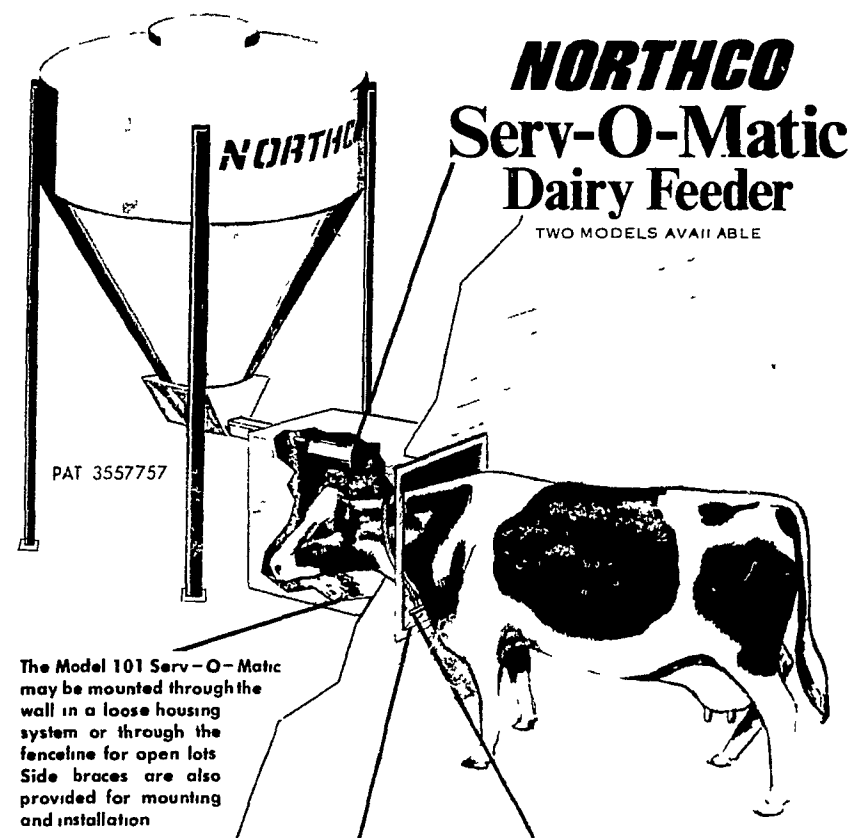

The Model 101 Serv-O-Matic may be mounted through the wall in a loose housing system or through the fenceline for open lots Side braces are also provided for mounting and installation

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Feeding patterns

[Continued from Page 1]

feed less than two pounds of hay equivalent per 100 pounds of bodyweight per day for very long," the dairy scientist cautioned.

"I like to think in terms of maximum feeding levels, rather than minimum amounts," he continued. He affirmed that a dairyman "would never go broke feeding an early lactation cow," and suggested that at least one forage in the total ration be offered to the point of near refusal.

Getting back to hay equivalents, Ace explained that three pounds of corn silage testing 30 per cent moisture are equal to one pound of hay (figuring hay to be 90 per cent dry matter). With haylage (testing 50 per cent moisture) it takes about 1.8 pounds to equal one pound of hay.

"If you can't get it into 'em in terms of forage, then you've got an expensive feeding program," Ace warned. He pointed out that grain feeding levels have become much more critical since protein prices skyrocketed a couple years ago and the economics of feeding are therefore much more important today than they were "in the good old days."

Ace suggested that dairymen calculate their hay cost: milk price ratio as well as their grain costs: milk price ratio. To keep things on a standard basis, he recommended that a formula be used to correct all milk to four per cent butterfat content. This figure can be obtained by multiplying the pounds of milk given on a daily basis by .4 and adding this figure to the daily pounds of butterfat produced after you've multiplied that by 15. 15.

Ace offered feeding ratios, but pointed out that such formulas would not hold true for top producers. He recommends feeding early lactation cows in a more liberal manner, while closely monitoring the feed and production status of cows in mid-lactation or beyond.

If a dairyman wishes to test his cows for production responses to varying levels of feeds, Ace suggests that it be done abruptly, explaining that any response would come within 24 to 48 hours. Then, if the cow cuts her production as a result of lower levels of grain, for example, the dairyman can switch her back to stronger levels the next day and not risk a permanent loss in production. A permanent loss for the lactation would not usually occur in less than seven to 10 days, Ace said. Another advantage to making such changes abruptly is that there is less chance of other factors, such as the weather, varying., and interfering with your experiment.

Regardless of how a dairyman operates, Ace is a firm believer in forage testing, and he recommended the practice to all who are concerned about their feed costs. Beyond that, he stressed the importance of having balanced diets before the cows and emphasized that balancing rations properly is next to impossible without some sort of feed analysis taking place first.

Ace further recommended that dairymen feed their roughages "in proportions to the forage supply that you have." Explaining the statement, the dairy scientist said that such a procedure would balance the feed supply more evenly, avoid drastic changes in qualitative feeding patterns, and reduce subsequent reactions in the cow's gut to a very minimum.

"If you must make changes, do it when you have the fewest fresh cows coming in," Ace continued. He told the dairyman that the rumen is a marvelous organ - capable of digesting and using a wide variety of materials which non-ruminants can't utilize. But. he cautioned, the rumen is also a delicate organ which can't be expected to adjust from one feed to another and another without showing some drop in milk production. Therefore, the fewer changes the better.

"Anytime you put great emphasis on either hay or corn silage you have a greater chance of problems," the dairy specialist went on. Mineral balances are of particular concern in these instances, and he suggested that proper balances be calculated. Over-feeding of minerals is being encountered. Another concern with silage - especially haylage - is heat damage. Up to 80 per cent of the digestible nutrients could be lost through this process, he warned.

A forage feeding program for dry cows would not include more than 50 per cent corn silage or 35 to 50 per cent alfalfa, Ace recommended. Corn silage is low in calcium, phosphorus and protein, he explained, while alfalfa in large amounts would give the cow an oversupply of protein and calcium. "Go to a balanced feeding program, one that's unbalanced is likely to cause more metabolic problems," he warned.

"If you have generally poor quality forage - silage or hay - you can improve digestion and minimize metabolic problems with a pound or two of good alfalfa hay added to the ration, the Penn Stater continued. He also recommended that the poorer quality forages be limited in the feeding program during base building periods, but not for more than 60 to 90 days.

Turning his talk to the use of non-protein nitrogen (NPN), Ace said it was alright to use such feeds, but the key is to incorporate them into the ration properly. "The cows should have a two to four week accustoming period because it takes a little while for the organisms in the gut to learn how to utilize NPN," explained Ace.

"In the Fall we always encounter a few problems with green-chopped corn - corn which hasn't been fermented," Ace continued. "Corn needs from three to five weeks to ferment in the silo," he explained, "green-chopped corn is just not well used by the milking animal." He also suggested that dairymen shy away from feeding freshly fermented silage.

Dry cows should be limited to one-half a pound of grain closer to home, Ace bodyweight, according to Ace. Also, the grain ration should not be changed for these animals, especially near the end of their dry period. "Get them accustomed to the milking ration several weeks before they come fresh," Ace recommended. In any case, dry cows should have access to all the good forage they can handle.

Grain feeding programs for lactating cows have changed considerably, Ace said. "We have been so accustomed to feeding large amounts," he exclaimed, pointing out that it often wasn't necessary. He recommends that a ration contain no more than 55 per cent grain. "A cow can't use a higher level of energy than that," he noted, "and the rumen organisms can't use the extra grain." Hitting closer to home, Ace suggested that feeding excessively high amounts of grain to a cow would be like a man working all day on coconut cream pie. "You wouldn't last on such a diet," he lectured.

A practical maximum for grain feeding is 2½ pounds per 100 pounds of bodyweight under conventional feeding systems. In a complete ration program, not more than 55 per cent of the dry matter intake of the cow should be from grain.

A final topic in Ace's presentation was mineral feeding. He noted that there are many good products on the market, but - "if you don't need 'em, you're wasting money." In contrast to years gone by when mineral deficiencies were rather common, today's feeding programs have oftentimes become so sophisticated that minerals are contained in various supplements and grain mixtures. Feeding additional amounts may not be necessary, and there is a possibility that many dairymen are actually overfeeding minerals now.

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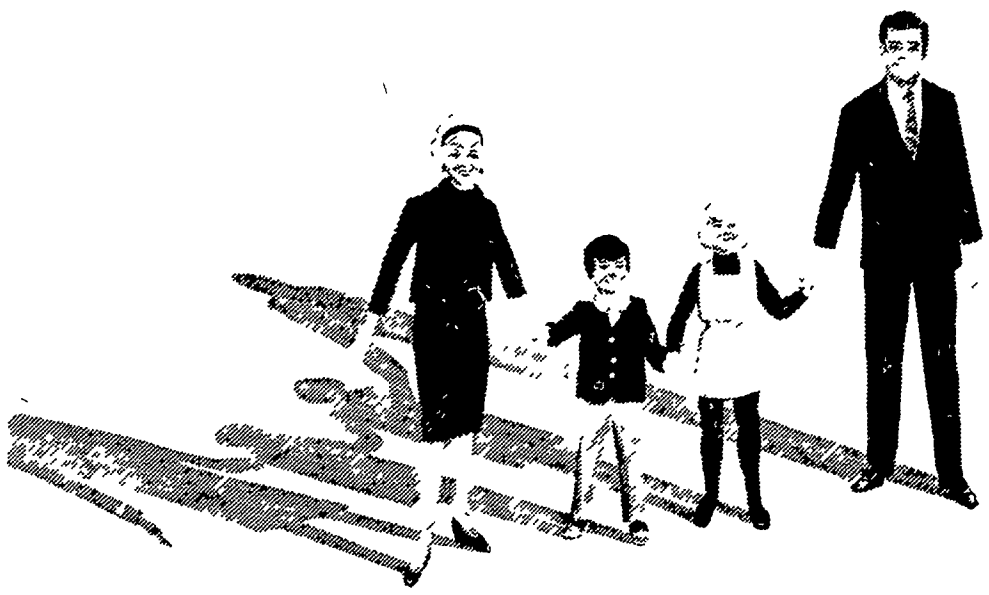

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Hydrologic cycle gives Earth life

By DIETER KRIEG

EDITOR'S NOTE: This is the 15th article in a continuing series on one of the most powerful and vital forces known to man - the weather.

"The hydrodynamics of meteorology presents without doubt the most complicated series of interrelated problems not only that we know of but that we imagine." So says mathematician John von Neumann, who has spent much of his career working with meteorological equations.

To understand von Neumann's comment on a global scale, we must realize that the Earth's weather machine is powered by some 240 trillion atomic horsepower per day. They're emitted from the sun. This inconceivable amount of power churns our oceans and atmosphere constantly. More than 1000 billion tons of sea water are sucked up per day as a result of this energy, and some 50,000 thunderstorms are spawned daily. Each of these thunderstorms has the equivalent power of a 1-megaton hydrogen bomb. All told, the Earth's daily thunderstorms release energy equal to explosions from billions of tons of TNT. Is it any wonder then that an occasional storm comes along? And then there are also hurricanes, blizzards, tornadoes, typhoons, severe drought, and much more.

With its awesome powers, and the ability to give and take life, weather is the single most important ingredient necessary to sustain life.

What farmer hasn't seen leaves of corn curled up tightly and pointed straight for the sky in a prayer-like manner in desperation of rain? Who hasn't seen cracks in the Earth, as the soil opens itself up for want of moisture? And who hasn't experienced the ravaging, devasting effects of a sudden downpour?

Nobody who has ever farmed needs to be informed as to how important rain is. That rain gauge on the corner fencepost is a most interesting little gadget.

Scientists call the constant exchange of water from ocean to air to land and back to ocean the "the hydrologic cycle." That's the mechanism which makes everything else tick, for without water for our crops - we have nothing.

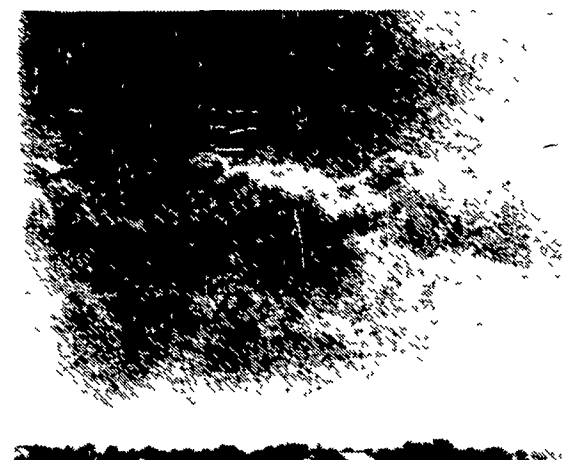
The hydrologic cycle is an unending exchange by which water is constantly transferred from ocean to atmosphere, from atmosphere to land, and finally, from land to sea. Powering this whole system is the sun, of course. But there are other factors involved which determine what's going to happen. Mountain ranges, for example, play a big roll as they can block the path of rain clouds can cause them to release their precious cargo sooner than they would have otherwide.

It is estimated that the "natural refining process" of transforming and transferring salt water into usable fresh water takes up about one-third of the total solar energy reaching our planet. Evaporation is constantly taking place, and naturally enough, so is precipitation.

Winds carry moisture laden air from the oceans to the continents. Various air masses interact with each other due to differing densities and temperatures. The air parcels therefore keep moving in all directions (even up and down) and eventually reach a stage where their moisture is condensed and then precipitation falls. The most common forms of precipitation are rain and snow. Less common types are drizzle, hail, ice pellets, snow pellets, snow grains, and ice crystals.

"The amount of water vapor that can exist in any given space is a function of temperature: the warmer the air, the more active its molecules and the greater its capacity for water vapor," say spokesmen at the National Oceanic and Atmospheric Administration (NOAA). When its capacity is reached, the air is saturated. At 70 degrees Fahrenheit, for example, a cubic yard of saturated air can hold nearly four times as much water vapor as the same volume of air at 32 degrees Fahrenheit.

With that in mind, we can understand why most of our rainfall comes during the warmer seasons. Fortunately for farmers in this part of the country, precipation most always comes when it's needed in the Spring, while moisture levels are significantly lower during late Autumn. This year that didn't hold true 100 per cent, for Pennsylvania since rain was more than plentiful during harvest time, but in most cases that's the way the cycle operates. And if it didn't, we wouldn't have nearly the excellent growing conditions that we have in and around the "Garden Spot."



Scientists say that there is always some amount of condensation suspended in the air - even on the fairest of days. But the moisture does not always fall. It takes some sort of triggering device. In all instances, this trigger involves temperature, and that can be brought about by lifting the air. Mountain ranges force air upwards in an obvious manner. As it rises, the air cools, sublimation takes place, and presto, rain falls. Air also rises due to its entering a low pressure area, which, incidentally, is a fine way of producing thunderstorms and hurricanes. This system, as was described in earlier "Weather Reports," feeds on itself and can result in some pretty heavy downpours.

A third way for air to be lifted is by frontal occlusions, which is simply a cold and warm front colliding, and the warm air being pushed up as a result of it. Once the warm air is lifted high enough, precipitation falls.

Rain and other forms of precipitation return to the oceans through streams and rivers, but not before they have given refreshment to living things in their paths. And in some cases, of course, also destruction.

Farmers believe the hydrologic cycle is important enough to be monitored with that raingage on the fencepost. During planting and harvest seasons nearly all plans are made with considerable consideration being given to the hydrologic cycle.

The U.S. Weather Service believes this vital cycle deserves an awful lot of attention. They have a network of more than 13,000 gauges to measure rain and snow, and use additional information gathered by radar, aircraft, and satellites. All things considered, these instruments have not only allowed our society to plan for the days ahead a bit better, they have annually saved more than $100 million in flood damages alone and an untold number of lives.

'Iron grandma' named

FLEMINGTON, N.J. - Joining a select group of cows recognized as "Iron Grandmas" by the Holstein-Friesian Association of America was Milk & Honey Athene Ivanhoe, owned by J. S Johnson, Cedar Lane Farm, Oldwick, N.J. At the age of 14 years, 8 months, Athene's lifetime output stands at 210,657 pounds milk and 8,486 pounds butterfat

This amounts to something over 100,000 quarts of milk produced And, she is still going strong, according to George Harner, herdsman at Cedar Lane Farm

Athene's best record in a single year was made when she was six years, 10 months of age, milking twice daily for 323 days, she produced 24,460 pounds of milk and 1,005 pounds butterfat.

She is classified "Excellent" and has been designated "4E," which indicates that she had been officially scored "Excellent" on four consecutive classifications

Athene was bred in the Cedar Lane Farm herd She was sired by Osborndale Ivanhoe, (EX-GM)

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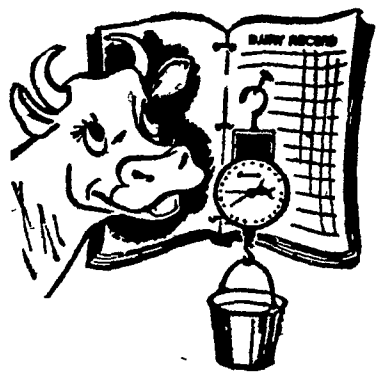

Berks COUNTY DHIA MONTHLY REPORT

Andrew Stoltzfus' "Daisy" captured the top spot in both milk and butterfat production for records completed in October. Beginning her lactation at age seven years and eight months, the registered Holstein tallied up a record of 26,583 pounds of milk and 1040 of butterfat. Taking second place in butterfat was Robert Seidel's "Lola," which chalked up a record of 23,637 pounds of milk and 1016 of butterfat. The reserve milk production crown went to Eleanor-Siegried's "Fran," which tipped the scales at 26,096 pounds of milk and 953 of fat.

NAME OF HERD OWNER	BREED	NO COWS	COW DAYS IN MILK	MILK LBS.	% FAT	FAT LBS
Junge Farms	31	38.0	94.7	54.7	3.7	2.04
Richard R Troutman	34	61.9	93.6	56.4	3.5	2.00
Glen Mar Farm	26	56.3	87.5	52.7	3.6	1.92
Andrew D. Stoltzfus	30	70.5	93.0	49.1	3.9	1.91
Glen Mar Farm	31	55.0	85.3	52.4	3.5	1.86
Herb Top Farms	29	29.9	92.2	45.5	4.0	1.82
Charles Plushanski	37	86.3	87.4	49.5	3.7	1.81
F M Browns Sons Inc	33	81.9	91.7	46.7	3.8	1.77
Ray W Seidel	55	35.7	94.1	47.7	3.7	1.75A
George S Troutman Jr	28	71.7	85.8	48.7	3.6	1.73
Ralph C Richard	29	89.3	89.9	42.6	4.0	1.70
Zahncroft Farm	29	50.0	84.9	45.1	3.8	1.70
Yost Brothers	33	120.2	85.3	46.6	3.6	1.69A
Norman J Seidel	34	22.0	97.3	44.7	3.8	1.68
J Hershey Myer	28	44.3	95.0	40.6	4.1	1.68
Wernersville St Hosp	34	57.0	83.8	46.3	3.6	1.68
Charles R Kissling	30	44.8	82.9	43.1	3.9	1.67
John H Stump	25	45.4	85.6	43.6	3.8	1.66
Louis E Moyer	31	26.5	92.3	43.1	3.8	1.65
Mark A Wolfskill	31	66.4	75.5	42.9	3.8	1.64
Herb Top Farms	28	30.6	88.5	40.7	4.0	1.63
Kenneth L Stutzman	29	40.2	89.2	42.6	3.8	1.63
Ralph C Richard	32	84.2	88.3	41.2	3.9	1.62
Floyd Weber	32	47.6	94.2	45.2	3.6	1.62
Kenneth L Stutzman	33	40.8	85.5	41.4	3.9	1.62
Lester Heyer	25	69.6	95.7	41.7	3.9	1.62A
Harold G Heck	30	59.7	89.3	42.0	3.8	1.61
Leonard G Stoltzfus	30	75.8	88.4	42.9	3.7	1.59
Hartman Bros	31	97.4	83.5	41.5	3.8	1.59
Linden Loch Holstein	27	55.5	88.7	41.3	3.8	1.58
Stephen J Janos	32	34.8	86.6	42.1	3.8	1.58
Harold G Heck	28	61.3	90.2	40.1	3.9	1.58
Drey Bros	24	99.0	97.5	44.3	3.6	1.58
Raymond A Seidel	29	24.0	97.7	41.4	3.8	1.58
Hartman Bros	30	96.8	85.2	43.4	3.6	1.58
John C Bartsch	35	54.3	93.3	42.8	3.7	1.58
Reu Hel Farms Inc	59	118.1	91.2	43.2	3.6	1.57
George E Moyer	33	70.3	88.9	44.6	3.5	1.56
Drey Bros	31	103 7	97.2	43.4	3.6	1.56
Harold & George Schuler	28	44.9	80.0	41.1	3.8	1.56
Robert C Dreisbach	30	53.5	85.8	30.9	5.0	1.55
Mark A Wolfskill	30	66.8	76.7	42.8	3.6	1.54
Joseph F Walters	30	64.3	80.1	40.3	3.8	1.54A
Leroy E Howard	34	116.7	92.6	40.6	3.8	1.53
Leonard G Stoltzfus	28	75.1	87.4	43.7	3.5	1.53
Omar Zook & Sons	25	47.7	78.0	43.5	3.5	1.53A
Francis R Moser	29	129.6	90.9	39.0	3.9	1.53A
Clarence B Kulp	26	55.3	86.9	40.7	3.8	1.53A
Robert C Dreisbach	31	54.1	89.0	31.8	4.8	1.52
Show Top Farms	31	125.2	91.1	38.5	3.9	1.51
Charles W Wagner	31	48.5	88.8	42.7	3.5	1.51
Omar Zook & Sons	32	45.3	85.6	43.7	3.5	1.51A
Linden Loch Holstein	28	56.5	88.6	39.2	3.8	1.50
Robert Yands	26	51.0	86.7	39.3	3.8	1.50

TRY A CLASSIFIED AD!

OWNER — COW'S NAME	BREED	AGE	DAYS IN MILK	LBS. MILK	LBS FAT
Robert D. Seidel					
Lola	H	8	305	23,637	1016
Paul H. Herbert					
Ruby	H	5-5	305	21,006	760
Elaine	H	4	305	17,975	673
Faylene	H	3-2	205	21,670	775
Eleanor K. Siegried					
Fran	H	6-3	305	26,096	953
Ellis R. Kunkel					
Pat	H	7-5	305	19,523	736
Peg	H	7-5	305	19,312	728
Jane	H	4-1	299	16,088	683
Ralph C. Richard					
Tina 2	H	7-5	298	14,838	702
Abbie	H	5-2	305	17,314	689
Leroy E. Howard					
Helen	H	5-1	305	20,865	790
Amy	H	5-2	305	17,289	658
Cindy	H	4-1	305	18,973	700
George E. Seidel					
Sally	H	6-10	305	14,322	699
Ro Ria Farms					
No. 843	H	4-10	305	20,024	704
Show Top Farms					
Maxine	H	6-3	305	14,365	678
Snoopy	H	6-2	305	16,822	768
Yo Yo	H	3-1	305	18,750	809
Angela	H	2-2	305	18,347	805
W. Dreibelbis & Sons					
Gina	G	4-7	305	13,914	693
Zahncroft Farm					
Bell	H	5-8	305	16,634	684
Leann	H	5-4	305	17,114	653
J. Hershey Myer					
Lassie	H	4-3	298	16,215	655
Daniel J. Harnish					
Alexis	H	5-1	305	17,850	777
Prilly	H	3-7	277	15,353	667
Sprite	H	3-3	305	18,904	705

[Continued on Page 23]

Meat production up

WASHINGTON, D.C. - U.S. commercial production of red meat totaled almost 3.5 billion pounds in October, up five percent more than a year ago and one percent above October 1974.

Total red meat production for January-October 1976 was up seven percent from 1975: Beef, was up nine percent; veal down two percent; pork, up four percent; lamb and mutton, down eleven percent. Commercial meat production includes slaughter in federally inspected and other plants, but excludes animals slaughtered on farms.

Beef production totaled over 2.2 billion pounds, three percent below October last year but two percent above October 1974. Cattle kill totaled 3,658,400 head, eight percent under last year and one percent over October 1974.

Seventy-five million pounds of veal were produced in October, 21 percent below the 95 million pounds for that month a year ago. Calf slaughter at 480,200 head was down 19 percent from a year ago, but 28 percent over the October 1974 kill.

Pork production totaled nearly 1.2 billion pounds in October, 27 percent over a year ago but two percent under October 1974. Hog kill totaled 7,210,900 head, 28 percent above last year but three percent less than October 1974.

Organic Remains

The organic remains of the earliest plant, marine and animal life that existed between 400 million and 40 million years ago are the sources of the crude oil deposits now tapped by man to supply over 40 per cent of the world's total energy requirements.

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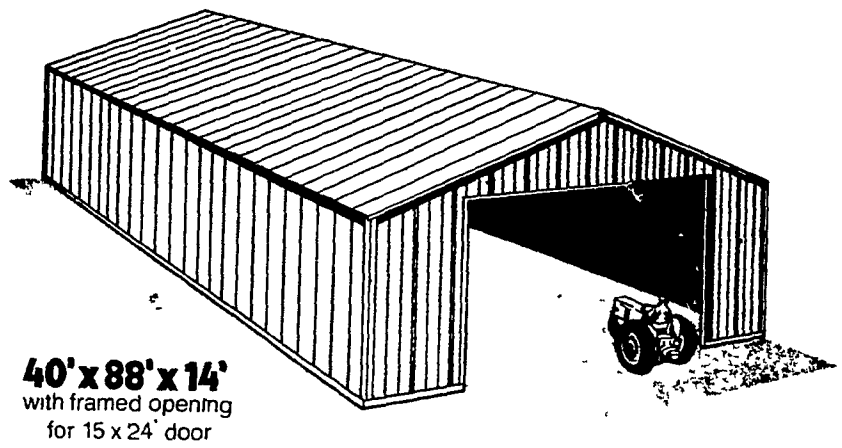

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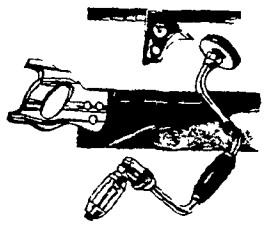

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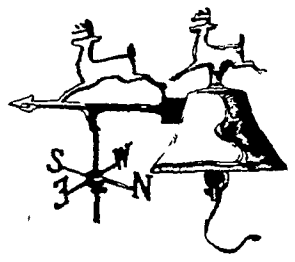
Combination Square	reg $ 4 50	**now $ 2.70**
14-in Backsaw	reg $10 00	**now $ 6.00**
26-in Rip Saw	reg $15 25	**now $ 9.15**
26-in Cross-Cut Saw	reg $15 25	**now $ 9.15**
Rachet Screwdriver	reg $ 8 80	**now $ 5.28**
8-ft Tape Measure	reg $ 4 10	**now $ 2.46**
6-lb Sledge Hammer	reg $15 95	**now $ 9.57**
Bit Brace	reg $19 25	**now $11.55**

AND MANY MORE!

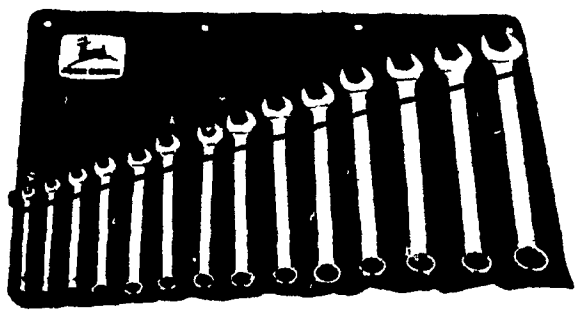
Weather Vane & Patio Bell



30% OFF

Durable cast aluminum 32-in high Weather Vane 8-in high Bell

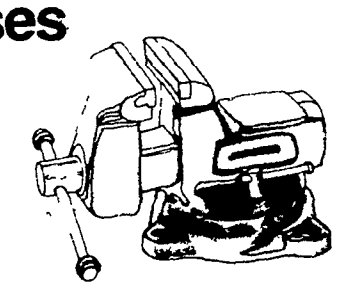
Weather Vane,	reg $17 70	**now $12.39**
Patio Bell,	reg $14 95	**now $10.47**



COMBINATION WRENCH SET 10% OFF

6 piece Set	Reg 29 35	Now 26.42
9 Piece Set	Reg 36 95	Now 33 26
14 Piece Set	Reg 96 95	Now 87 26

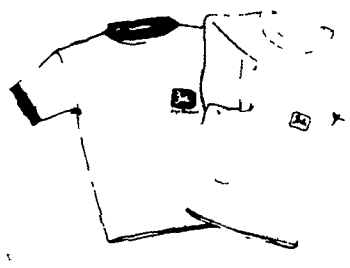
Vises



25% OFF ON ALL SIZES

4-in Jaw reg $ 62.95	**now $47.21**
5-in Jaw reg $ 87 95	**now $65.96**
6-in Jaw reg $129.95	**now $97.46**

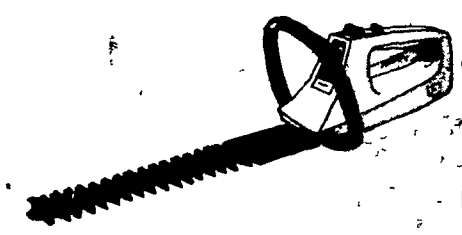
Casual Wear Shirts



30% OFF ON SELECTED STYLES AND SIZES

Mesh T-shirt	reg. $8 50	**now $5.95**
Cotton T-shirt	reg $3 50	**now $2.45**

Cordless Trimmers



30% OFF ON ALL MODELS

15¾-in Hedge Trimmer,	reg $44 95	**now $31.47**
14-in Hedge Trimmer,	reg $31 95	**now $22.37**
12½-in Shrub Trimmer,	reg $26 95	**now $18.87**

3-inch Deluxe Cordless Shears

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30% OFF

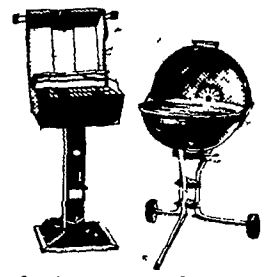
reg. price $19.95
sale price $13.97

Booster Cables

30% OFF ON ALL MODELS

12-ft 6-ga , reg	$11 75	**now $ 8.23**
12-ft 4-ga , reg	$18 75	**now $13.13**
16-ft 4-ga, reg	$21 95	**now $15.37**
20-ft 4-ga , reg	$25 25	**now $17.68**

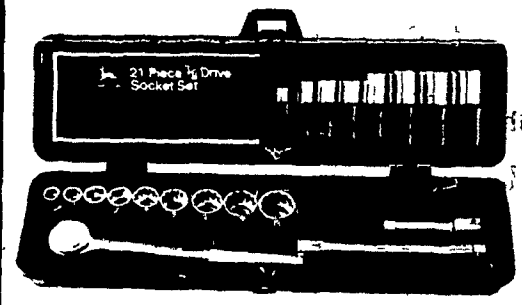
Barbecue Grills



15% OFF

Single Burner Gas Grill	Reg 134 95	Now 121.46
Double Burner Gas Grill	Reg 184 95	Now 157 21
Electric Grill	Reg 184 95	Now 157.21
Charcoal Kettle Grill	Reg 62 95	Now 53 51

SOCKET SET



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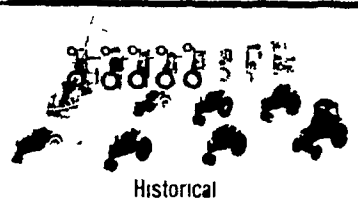
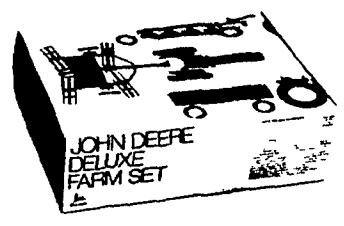
13 Piece ¼ Inch Drive
Reg 19 95.....Now 18 96
13 Piece three eighths Inch Drive
Reg 24 95.....Now 22.46
21 Piece three eights Inch Drive
Reg 34 95.....Now 31.46
17 Piece ½ Inch Drive
Reg 48 95.....Now 44.06
23 Piece ½ Inch Drive
Reg 68 95.....Now 62.06
14 Piece ¾ Inch Drive
Reg 114 95.....Now 103.46

4 Wheel Drive Tractor
Reg 17 49
Sale **15.74**



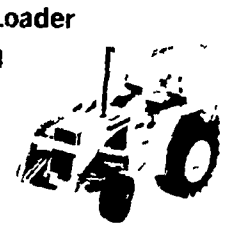
Historical
Miniature Set
Reg 8 15 Sale **7.34**

6600 Combine
Reg 11 62
Sale **10.46**



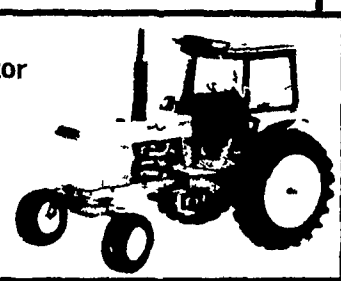
Deluxe
Farm Set
Reg 22 18
19.96

Backhoe Loader
Reg 15 94
Sale **14.35**



Log Skidder
Reg 16 85
Sale **15.17**

4430 Tractor
Reg 9 35
Sale **8.42**



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Berk's DHIA Report

(Continued from Page 21)

Wernersville State Hospital					
No. 1342	H	6-9	297	17,797	796
No. 1393	H	5-7	303	22,135	862
No. 1417	H	4-9	305	21,447	783
No. 1468	H	3-4	305	17,672	666
No. 1477	H	3-1	305	17,153	729
No. 1478	H	3-1	277	17,379	653
Roger S. Buch					
Star 2	H	4-1	305	20,331	691
Reu Hel Farms Inc.					
Tillie	H	6-3	305	17,512	673
Fayne	H	8-8	305	25,853	841
Shell	H	5-6	305	18,153	724
Perfore	H	5-6	305	17,779	682
Spot	H	5-6	305	19,766	650
King	H	5-6	294	19,012	738
Dixie	H	4-2	305	18,794	670
Sylvia	H	3-4	305	15,185	695
Louis E. Moyer					
Babsy	H	4-4	305	22,885	891
Beat	H	3-8	305	18,739	760
Vista Grande Farm					
Donna	H	5-9	305	18,846	703
Jenny	H	4-9	305	17,565	716
John F. Snyder					
Babette	H	9-3	305	14,743	661
Mark A. Wolfskill					
Pattie	H	6-7	302	20,472	740
Iris	H	6-5	294	18,061	689
Jeanie	H	6-3	287	19,193	702
Lily	H	5-3	292	17,401	692
Bunny	H	2-9	305	15,372	678
Rodger L. Wagner					
No. 107	H	3-10	298	16,950	651
No. 77	H	5-6	305	23,480	789
No. 121	H	3-1	305	16,770	678
Linden Loch Holstein					
No. 29	H	5-6	305	16,670	669
Pine Brook Farm					
No. 14	H	10-10	305	19,347	690
Charles R. Kissling					
Cookie	H	3-7	305	16,722	697
Herb Top Farms					
Tess	H	6-2	279	19,008	773
Lady	H	6-9	305	20,767	837
Dotty	H	4-2	305	17,502	716
Cocoa	H	4-6	305	19,826	777
Melissa	H	3-2	305	14,891	708
Charles W. Lamm					
Tilda	H	8-10	296	14,134	686
Jay	H	4-11	305	17,255	661
Melody	H	4-11	305	18,180	698
Leonard G. Stoltzfus					
Lydia	H	4-11	305	16,739	793
Paula	H	4-2	305	23,263	737
Mertz Brothers					
Sadie	H	6-11	305	17,394	726
Gloria	H	4-2	305	20,778	785
John W. Crossley					
No. 82	H	8	305	16,503	691
No. 85	H	4-3	305	16,992	663
Floyd Weber					
Rita 23	H	7-1	305	16,806	665
Date 12	H	4-3	305	20,305	866
Kim 28	H	3-2	305	17,142	677
Omar Zook & Sons					
No. 69	H	7-11	305	19,493	656
No. 62	H	3-2	305	20,881	669
Ker Min Farms					
Wanda	H	7-3	305	15,655	735
Jessie	H	4-3	305	16,676	660
Liz	H	11-3	305	16,753	742
William G. Howerter					
Flossie	H	5-2	305	17,791	810
Ronnie	H	4-7		20,801	766
Charles Plushanski					
Blackie	H	9-6	305	20,189	735
Opal	H	4-2	305	21,826	954
Chief	H	2-11	305	19,846	659
Cayce	H	3-7	305	18,083	652
Belinda	H	6-11	283	17,584	732
Stacey	H	2-2	305	19,983	753
Pam	H	2-2	305	16,942	720
James G. Stutzman					
Bambi	H	7-7	305	16,937	666
Mary	H	6-6	305	16,925	669
Swatara Dairy Farm					
No. 166	H	6-3	305	17,906	675
No. 212	H	4-9	305	16,232	664
Charles D. Moyer					
Karen	H	5-3	273	15,517	666
Kenneth L. Stutzman					
Molly	H	6-4	305	17,014	738
Bettina	H	5-7	305	17,152	692
Ruby	H	4-8	305	15,583	671
Way Har Farms					
No. 133	H	6-2	305	19,813	787
No. 82	H	4-11	303	18,749	710
No. 70	H	4-5	297	16,970	701
No. 147	H	3-11	305	17,910	715

(Continued on Page 26)

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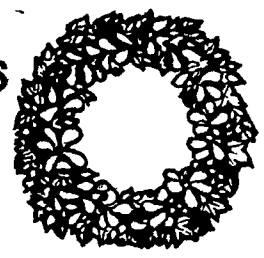

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THIS SEASON. . .

May the roads rise to meet you.
May the wind be always at your back.
May the sun shine warm upon your face,
The rains fall softly upon your fields.
And, until we meet again,
May god hold you in the hollow
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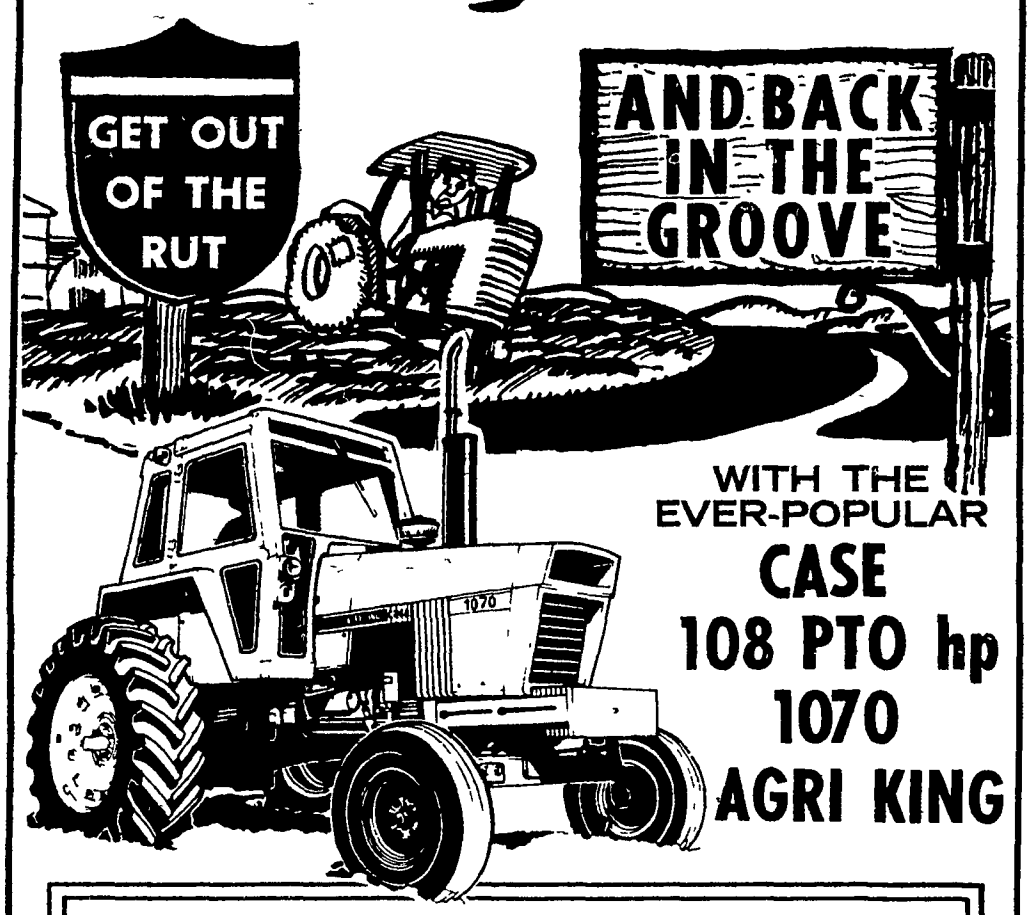

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Pinnacle Trail gains nat'l status

HOLTWOOD, Pa. - The Kellys Run-Pinnacle Trail System near Holtwood in Lancaster County has been designated a Recreation Trail in the National Trails System by the U.S. Department of the Interior. The four and three-quarter mile trail system was developed by Pennsylvania Power & Light Company.

The trail is the fifth National Recreation Trail in Pennsylvania and the 99th in the country since the National Trails System Act became effective in 1968. It includes four interconnecting loop trails located amid rolling hills that drop sharply into Kellys Run ravine, a scenic area of old growth hemlock and hardwood trees protected by PP&L as a natural area.

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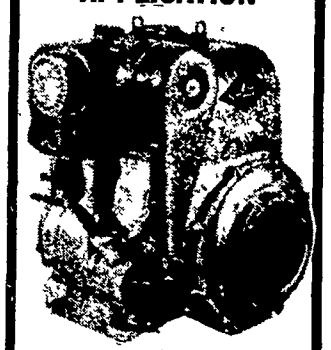

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Mastitis robbing dairymen

By DIETER KRIEG

LEINBACHS, Pa. - A dairymen whose bulk somatic cell counts run consistently between 500,000 and 1 million is losing as much as 10 per cent of potential milk production. If the somatic cell count exceeds the 1 million mark, losses in production are calculated to be 15 per cent or more. That's the word from Dr. Lawrence Hutchinson, Penn State Extension veterinarian who was featured at Dairy Days in southeastern Pennsylvania this week. He advises dairymen to check their dairy receipts to see whether or not they receive somatic cell information regularly. Just finding out what the count is when the counts are excessively high is not enough, according to the Extension veterinarian, since the counts can be used as a successful management tool.

Hutchinson revealed that Penn State University is conducting tests which are aimed at finding out how somatic cell counts can be used to an even greater degree to determine the presence of udder abnormalities. The program is described as being "fairly representative" with 67 per cent of the tested herds showing counts of less than half a million. Seventeen per cent check in with counts of 500,000 to 1 million, and the remaining 16 per cent tally over 1 million. "About half the dairymen don't know they're on the testing program," Hutchinson told the group.

"The highest producers have the lowest counts," the Extension veterinarian continued, "That's no surprise," he quipped.

Although the herds with low somatic cell counts are generally free of udder problems and producing milk at or near full potential, they are most susceptible of any group to come down with infections, Hutchinson cautioned. "These cows are very sensitive to management changes and can't take much variation," he explained.

"The first place to look for signs of trouble is in your somatic cell count," he reiterated. Also of value are the California Mastitis Test, cultures of milk samples, and a careful evaluation of milk production patterns in relation to the stages of lactations represented.

Hutchinson said that 40 per cent of new mastitis infections come during the dry cow period, which is a good indication that dry cow treatment is warranted in many herds.

Teat dipping is a practice which the former Chester County practitioner strongly recommends. But he emphasizes that a proper procedure must be followed and that the timing of the dipping is most critical. Within the first few minutes after milking is recommended. Studies have proven that there is a definite advantage to teat dipping.

In one study, 9.8 per cent of the quarters were infected with mastitis even though teat dipping had been practiced regularly and properly. That compared with 32.3 per cent of the quarters being infected in control animals which weren't getting their teats dipped.

Among the effects that can be expected as a result of teat dipping are: lower cell counts, fewer infected quarters, a reduction in Streptococcus agalactae and Staph. aureus organisms and improved production. On the other hand, clinical cases of mastitis may become more difficult to treat and gram negative organisms won't be affected at all by teat dipping. (Neither are such organisms affected by penecillin.) According to Hutchinson, significant progress has been made along the lines of combatting mastitis caused by gram positive bacteria, but much work still needs to be done for other varities of the disease. Also, many cases of mastitis are a direct result of environmental problems, he pointed out.

HUTCHINSON

Hutchinson recommends having milking machines and milking procedures checked by a professional if mastitis is a problem, since the mechanical milker is still a culprit in many cases of mastitis. He also advises that dairymen check the

[Continued on Page 27]

IM-PRUV-ALL

HEIFERS RESPOND TO CUSTOM M-V

Peter Stephens of Genoa, New York who feeds out 350 dairy replacements had John Barnett, Im-Pruv-All dealer from Elbridge, New York send forage samples of Triple "S" Lab in December 1972. From the test's results, Mr. Barnett balanced a ration with a ration calculator and custom mixed minerals from a mineral and vitamin composite feed test according to what was lacking in the ration.

Within two weeks on the minerals and vitamins, the cattle utilized feed better and hay consumption lowered. The cattle's general appearance improved, ringworm disappeared and craving and general discontent stopped. This proved to me that balanced programs are the most economical way to operate any feeding operation.

As I have had such good results with my cattle, I have tested some fields and am applying recommended Organic Micro-Nutrients to raise better crops.

Peter S. Stephens

MILK PRODUCTION UP IN MICHIGAN

I own and operate a 320 acre dairy farm, north of Fowlerville with the help of my hired man. We milk 75 head of Holstein cows. Recently, I went on the Im-Pruv-All feed testing, ration balancing program. My Im-Pruv-All Dealer, Tom Bowen, showed me how I could save money on feed costs and come up with improved herd health.

I am presently on the Vitamin and Mineral Program. My average milk production has come up 15 per cent per head per day. I am very pleased with Im-Pruv-All's Feed Testing, Ration Balancing, and Vitamin and Mineral Programs.

Merlan Klein
8100 Sherwood Road
Fowlerville, Michigan

WOULD YOU LIKE TO
IM-PRUV-ALL
PROFITS?

Balanced Ration Saves 1½ Lbs. Protein

I used Im-Pruv-All in my first cutting alfalfa, which went into a 20 x 60 cement stave silo at bud stage. I used H-44 on the bottom two-thirds of the silo and finished out with direct cut using No. 202.

The haylage came out smelling good and greenish color. The cows clean the bunk four times a day.

Then I put 2nd cutting in the silo with No. 202.

I put corn silage in a bunk silo with No. 101. Then, this fall I put G-55 in my ground high-moisture ear corn in a cement stave silo.

I had Triple "S" Lab test all the feed and when the tests came back they figured my ration telling me I didn't need to feed any protein. Klein's took another complete feed sample and sent it to Triple "S" to be tested for minerals and vitamins.

Klein's then sold me the I-P-A Vitamins and Minerals needed to balance the ration.

I have been feeding according to this ration for about three weeks and the cows have held up in milk and are gaining in production now. Before switching to Im-Pruv-All's ration balance, I was feeding 1½ pounds of protein a day. I have now cut out the 1½ pounds per day of protein and have also cut down 10 pounds per head per day of high moisture ground ear corn.

I milk 65 cows and raise all my own replacement animals.

Ralph Kunde, Michigan

CUTS FEED COSTS $300-$400 PER MONTH

Definitely cut down on spoilage. We feel we can now put in direct-cut alfalfa hay without previous problems that were usually occuring in our program.

Gary has tested his feed and as a result has balanced his protein and dry matter. He finds that he was over graining his cows. Gary says, "We have cut our feed cost by $300 to $400 per month and production does seem to be coming up."

The Somes are also on Im-Pruv-All balanced minerals and vitamins.

Barton and Gary Somes
Memphis, New York

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Bair's Mill 717-252-3114

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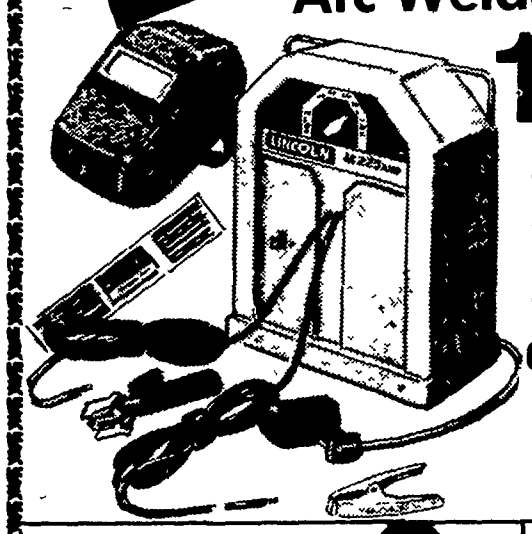

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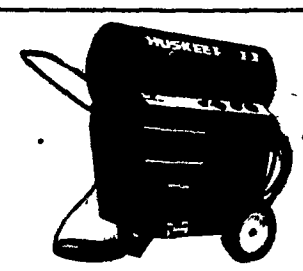

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1-1406	13.9-36	159.99
1-1407	14.9-38	169.99
1-1409	18.4-38	209.99
1-1410	18.4-34, 16.9-38	195.99
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1-1432	14, 16.9-34	169.99
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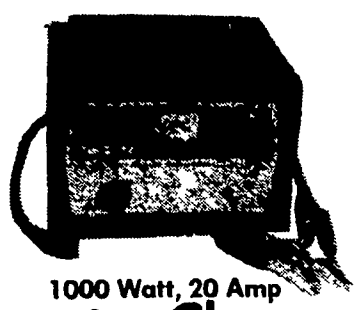

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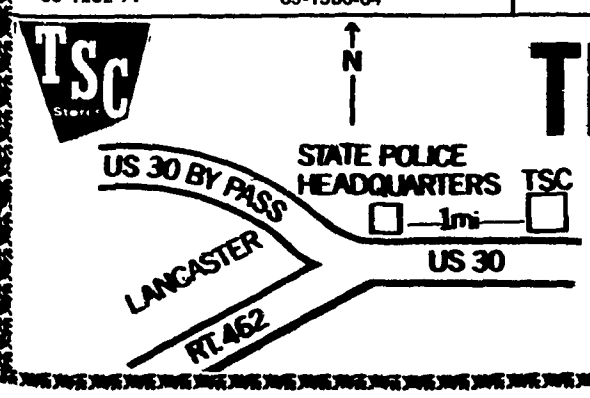

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Berk's DHIA Report

(Continued from Page 23)

John H. Stump					
Helen	H	7-7	305	20,733	794
Joy	H	5-11	305	23,118	877
Mamie	H	4-3	305	18,449	674
Noel	H	3-9	305	16,578	655
F. M. Browns Sons Inc.					
No. 25	H	4-1	305	19,471	671
No. 92	H	3-3	305	19,319	673
No. 57	H	3-1	305	19,168	687
Edward R. Haas					
Fern	H	3-11	286	16,248	650
Donald M. Meyers					
Ginny	H	5-9	305	18,814	771
Missy	H	4-8	305	20,275	681
Stephen J. Janos					
Sandra	H	3-1	305	19,226	755
Andrew D. Stoltzfus					
Daisy	H	7-8	305	26,583	1040
Karen B	H	3-11	305	21,232	815
Daview Farm					
Princes	H	5-4	305	15,978	670
William C. Adams					
Ponce	H	4-4	305	18,053	714
Richard R. Troutman					
Countes	H	10	305	19,095	695
Velvet	H	3-2	305	23,983	731
Harold G. Heck					
Sunshin	H	7-8	305	23,014	857
Vickie	H	5-11	305	18,760	674
Emma	H	3-9	305	20,597	783
George E. Moyer					
Vronc 12	H	5-6	305	20,835	699
Francis R. Moser					
No. 86	H	10	305	23,262	739
No. 201	H	4-4	305	18,600	698
Harry P. Shaak					
No. 251	H	5-1	288	13,740	727
J. D. Rosenbaum & Son					
No. 9	H	5	305	20,450	841
Robert L. Sattazahn					
Marsha	H	9-11	305	18,813	669
Pansy	H	4-3	305	18,717	677
Gene A. Reed					
No. 20	H	4	303	20,057	771
Ray E. Bicksler					
Dixie	H	3-11	295	19,327	793
Pinnacle View Dairy					
Joyce	H	5-5	305	18,174	710
Marge	H	4-2	305	17,043	672
Frank G. Gromlich					
Gent	H	5-11	305	14,981	663
No. 142	H	7-1	305	21,064	733
Roy C. McLain					
No. 66	H	5-5	305	19,613	684
Robert C. Dreisbach					
No. 38	H	7-3	298	12,462	671
No. 56	H	5-4	305	12,825	688
William W. Herbert					
Nancy	H	3-11	288	16,768	689
Raymond A. Seidel					
Penny	H	8-10	305	17,222	684
Hylark Farm					
No. 77	H	7-11	305	19,130	659
No. 98	H	6-2	305	17,714	682
No. 119	H	4-7	305	21,086	699
No. 108	H		305	16,935	696
Ernest O. Miller					
No. 181	H	4	305	19,627	743
No. 199	H	3-2	305	21,350	709
Harold & George Schuler					
Mary	H	9-2	305	18,736	732
Lester Heyer					
Beauty	H	5-9	305	19,600	842
Ontelynn Acres					
No. 36	H	4-3	305	16,296	705
No. 42	H	4-4	305	21,157	910
No. 62	H	5-2	305	14,606	704
Junge Farms					
Rocket	H	6	305	19,515	775
Bertie	H	7-0	305	25,098	969
Dinah	H	5-1	305	21,485	709
Hartman Bros.					
No. 13	H	6-3	305	18,258	717
No. 40	H	4-3	305	16,867	712
No. 53	H	7-3	290	19,430	758
No. 63	H	4-11	291	15,335	658
No. 90	H	4-10	305	16,193	682
No. 100	H	5	305	21,428	678
No. 103	H	3	305	15,845	672
No. 107	H	3-1	305	16,029	662
Raymond B. Nolt					
No. 29	H	6-5	305	18,711	682
John C. Bartsch					
Janey	H	12-3	305	15,221	650
E. Daniel Leatherman R					
Roxane	H	8-2	305	21,918	773
Blue Mts. Academy					
No. 176	H	7-1	297	19,430	674
No. 150	H	6-1	302	18,955	727
No. 230	H	6-1	305	21,239	722
Clarence C. Sattazahn					
Midge 33	H	8-4	305	19,362	787
Vivan 81	H	3-3	305	21,136	669
George S. Troutman Jr.					
Gail	H	8-2	305	22,330	722
Lucy	H	6-11	305	20,877	767
Hazel	H	4-2	305	16,897	689
Clover	H	4-3	287	17,006	662
Yost Brothers					
Bola	H	7-2	305	19,600	667
Ray L. Breckbill & Son					
Dottie	H	7-1	305	16,453	663
Teen Chal Farm					
No. 62	H	6	281	15,547	715
No. 28	H	5-2	305	17,875	669
No. 146	H	5-4	305	19,254	790
No. 17	H	3-1	305	19,959	699

Pa. Farmers Union adopts policies

By JOANNE SPAHR

LANCASTER, Pa. - "If we don't amend legislation by July 1, we will have to get a permit for every piece of equipment we own that is over 10 feet wide," stated Allen Dieter, field man for the Pennsylvania Farmers Union, at a policy meeting of the Lancaster County group held last Monday night at the Holiday Inn, here.

Dieter made his point as a sidelight to discussion on amending truck license regulations to the point which would allow farmers to have unlimited mileage rather than the soon to be adopted 50 mile radius limit. After debate, the group voted for the elimination of the mileage restrictions.

It was also voted to support the "Young Farmers Homesteading Act," a program which basically supplements FHA. Under this act, a farmer can sell his land to a government coroporation which then creates family-sized farming plots. If the original plots are small, more than one are put together to form a workable unit, or if the opposite is the case, then the land is broken down into family-sized segments.

For the first five years that a farmer purchases the land, the government finances his stock and equipment, which he hoepfully pays back in the five year interval. This builds up equity for that farmer, who then has the option to either buy or lease the land.

If he decides to buy, the payments are geared so that he pays half in his working llifetime, and the rest when he retires.

Should he choose to lease, he can do so for 99 years. This option leads to the buildup of the land, since the farmer has no fear of losing his soil after relatively short periods of time.

The Young Farmers Homestead Act originated in Saskatchewan Province, Canada, and has been successful there. Two South Dakota senators, George McGovern and James Abourezh drafted the bill for the United States, which was introduced to the Senate. No action was taken on it, and it died. Therefore, it must be reintroduced again this year.

A third policy the group voted to support is the release of monies for the ACP soil conservation services.

"If the government is going to tell you what you must do with your land, they should have to help you do it," said one opinionated farmer in reference to the land use programs.

The members also voted to adopt the Farmers Union plan for parity and abundance. This is a program which guarantees the farmer 90 per cent of parity for his products. Under this plan only after the Americ farmer's prices reach 110 per cent of parity will imports be allowed to come into the country.

New officers were also elected at this meeting. All of the present officers were re-elected for a second year term. They are: Albert Mellinger, Strasburg, president; James Spahr, Lititz Pike, vice president; and Judy Spahr, Lititz Pike, secretary-treasurer.

Ova recovery simplified

LOS ANGELES - Non-surgical ova recovery operations are now being conducted by Carnation-Genetics, according to Fred Pace, business manager for Genetics.

Pace said, "For the past few weeks our technical team has been successfully performing non-surgical recovery of fertilized eggs from cows for transplant. Using this new technique enables our transplant center here in Hughson to receive lactating cows who are genetically superior and high-milk-producers. We have eliminated risk a stress."

Prior to this development, ova-recovery did offer some risks to milk-producing cows. Surgery and anesthesia were required to cut into an animal.

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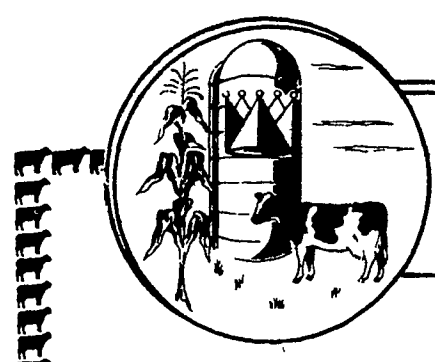

AGRI-KING
KEY TO PROFIT

AGRI-KING IS PROUD TO TAKE THIS TIME TO THANK EARL & BETTY WEIR FOR DOING A GREAT JOB WORKING WITH THE AGRI-KING PROGRAM FOR THE PAST 4 YEARS.

Having sold the farm makes Dispersal of their cows necessary. The last three years the DHIA rolling herd average has been

17,760 POUNDS MILK AND 665 POUNDS FAT WITH A 3.7% TEST

At present Earl is shipping an average of 58 POUNDS OF MILK per cow per day with a plant test now of 3.92 PERCENT OF BUTTERFAT.

Any dairymen interested in some real good cows should come to Earl & Betty Weir's farm located 1 mile south of Cochranville on

TUESDAY, DECEMBER 21 AT 10:00 A.M.

Next week's article will include some individual records.

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Ph 717 354 5977

North Western Lancaster Co
Earl B Ginder
RD2 Manheim PA 17545
Phone 717 665 3126

Southern Lancaster Co
Henry DeLong, Jr
RD2 Box 69
Peach Bottom PA 17563
Phone 717-548 3471

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RD2 Conestoga PA 17516
Phone 717 872 5686

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Atglen PA 19310
Phone 215 593 5952

Northeast Berks Co
Roger Heller
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Chester Co
William Windle
RD1 Atglen PA 19310
Phone 215 593 6143

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Annville PA 17003
Phone 717 867 1445

Lehigh & Northampton Co
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Alburtis PA 18101
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South Central Penna
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Regional Manager
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Eastern Franklin Co
Eldon Martin
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R5 Carlisle PA 17013
Phone 717 776 7324

Western Washington Co, Md
Charlie Campbell
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Hagerstown MD 21740
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Earl H Moyer
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Hagerstown MD 21740
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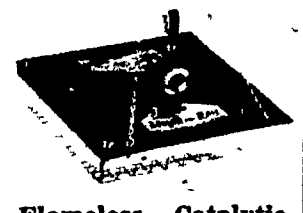
ATTENTION
Magic-Ray



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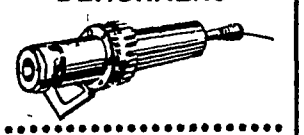

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Model 510

The dependable Sunbeam Stewart Standard Clipmaster Animal Clipper. Less than 5 lbs. light, yet over 30,000 rpm's fast. Recessed safety switch. Easy clean snap-out filter screen.

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ZIMMERMAN'S ANIMAL HEALTH SUPPLY
RD4, Lititz, PA 17543

Also Available At David Good's Farm Machinery Sale, Sat. Dec. 18.

Mastitis

(Continued from Page 24)

ends of teats on their lactating animals. If the teat ends have a cluster of skin at the opening, which resembles a tiny rose, then this is evidence of udder irritation, he lectured. Possible sources of the problem could be long milking, incorrect vacuum, or the wrong teat dip.

Another precaution in order to keep mastitis cases to a minimum is "to watch what you buy," said Hutchinson, who formerly was a practicing veterinarian in the Honey Brook area of northwestern Chester County.

Culturing is also recommended. "It's a shot in the dark if you're treating for mastitis but don't know what bug is causing the problem," he explained. Frequent milkings are regarded as being very helpful in alleviating udder problems. Let-down hormones and udder infusions are helpful.

On a final note, Hutchinson told the dairymen that there are at least 60 teat dips on the market, and that some are more effective than others. Also, if a dairymen is treating dry cows in order to prevent incidents of mastitis in those animals when they come fresh, there is a long withdrawal period to be adhered to.

Maps make good X-mas gifts

UNIVERSITY PARK - Christmas gift ideas for motorists and outdoorsmen are among the maps and guidebooks available from Penn State University. Two of the most popular ones are "Birds of Pennsylvania" and the Stream Map of the Commonwealth. They are available by mail from Penn State. Allow at least three weeks for delivery from date of request.

The Stream Map of Pennsylvania shows over 3,000 each of streams, towns, and elevations above sea level. Names of major mountains and valleys are included as are locations of forest fire control towers operated by the Commonwealth. Locations of swamps, lakes, dams, and reservoirs are shown.

The Stream Map is about three feet high and five feet long. It is available either flat or folded. The flat maps appeal to persons wishing to mount them neatly on walls of homes and cabins. The Stream Map costs $1.06, tax included, from Stream Map, Box 6000, University Park, Pa. 16802. Requests should state whether a flat or folded map is desired. Checks or money orders should be made payable to The Pennsylvania State University.

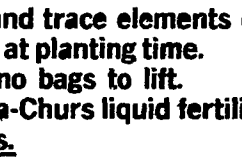
"Birds of Pennsylvania" describes the 378 species reported normally in the Commonwealth. A paperback volume, it includes 186 pen-and-ink drawings of the most common species in the State. A calendar of birdlife tells what may be expected in each month. The guidebook lists abundance, seasonal occurrence, habits and status changes, and general breeding and wintering ranges.

"Birds of Pennsylvania" is available for $2.12, tax included, by writing to Birds, Box 6000 University Park, Pa. 16802. Make checks or money orders payable to The Pennsylvania State University.

Somewhat unusual is the Land Resources Map of the Commonwealth, a useful gift for industrialists, community planners, and managers of soil and water resources. This map features 153 soil groups. It integrates soil depth, drainage, available moisture, and productive capacities of soils. High school and college teachers find it helpful in studying earth sciences. This map costs 3.18, tax included, from Land Resources Map, Box 6000, University Park, Pa. 16802. Checks or money orders payable as per the other items.

Auto Service Tips

HIGH COMPRESSION ENGINES THAT REQUIRE HIGH OCTANE GASOLINE OFTEN HAVE PROBLEMS WITH LEAD FOULING ON THE SPARK PLUGS. BLASTING THE PLUGS WITH COMPOUND-TYPE CLEANERS ONLY AGGRAVATES THE PROBLEM INSTEAD, SOAK THE PLUGS OVERNIGHT IN LACQUER THINNER, AIR-DRY THEM AND REINSTALL.



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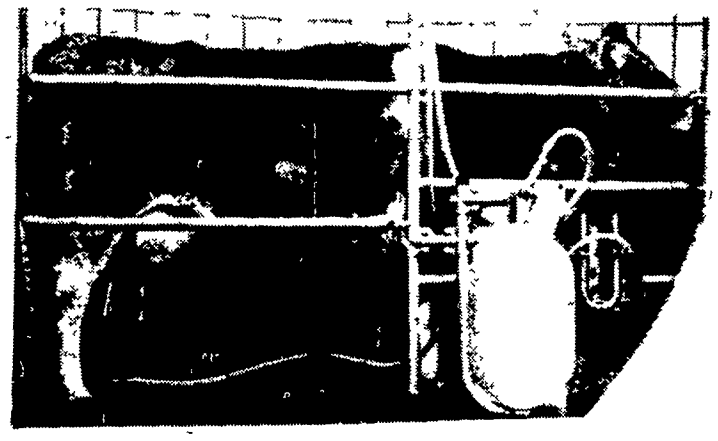

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THE COOLING CHAMPION - SIZES FROM 600 TO 4000 GAL.

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320 CU. FT. CAP.

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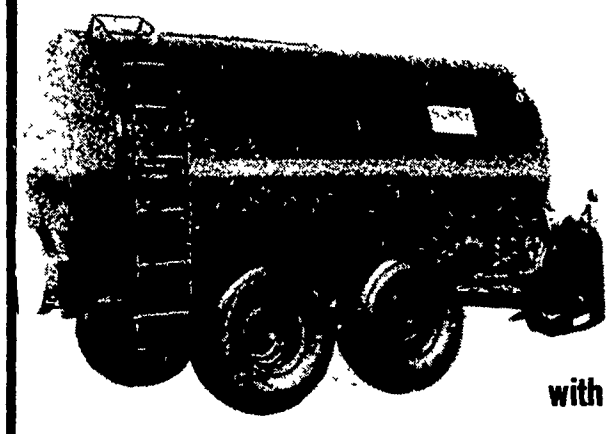

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1250 Gal. - 3750 Gal.
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	Parts Per Million					Water Holding Cap.
AL	Mn	Fe	Cu	Zn	B	Mo	

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For Sale - Massey Ferguson 165 tractor - $4500; Super M with scoop - $1500; JD 10 ft. cultimulcher - $900; Oliver 10 ft. disc harrow - $800. PH: 609-298-7380.

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New Idea 214 3 beater spreader.
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For Sale - Model 1100 Better Bilt liquid manure spreader with plow down attachment. Call 717-733-7559

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For Sale - Self-spacing concrete hog slats in 4 ft. - 4 ft. 8 in. - 6 ft. and 8 ft. lengths. Valentine T. Petersheim, Box 329A R2 Mifflintown, Pa. 17059

Farm Equipment

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Farm Equipment

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For Sale - Tractor Cab (can be used for front end loader or backhoe); 40 Jamesway stanchions; 30 Ft. steel silo; Feed Mixer; International Sickel Bar; Allis Chalmers Corn Planter, 3 pt. hitch, 2 row, Fiber glass hoppers, excellent condition. Call 215-377-4549

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Farm Equipment

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TWIN VACUUM PIPELINE
MILKING SYSTEM
-WITH COW MONITOR
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The ZERO CONCORD is the only system that provides stable milking vacuum at the teat end — in parlor or stanchion barn — with a low or high, short or long, pipeline — and without injecting air into the milker units to move the milk. Only with stable vacuum and no air injection can you hope to reduce leucocyte counts up to 65% — increase milk production as much as 20% — and prevent off-flavor and rancid milk

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TWO SUPER SPECIALS

1 - 800 gal. Esco w-5 H.P. condensing unit
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Both tanks excellent shape

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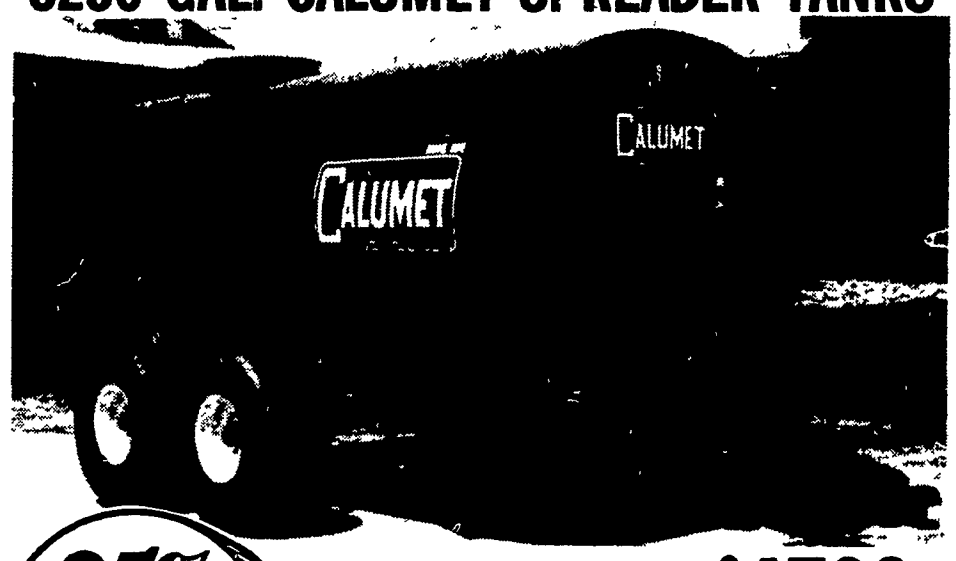

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4020 John Deere
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This herd has produced over $36,000 in ten months.

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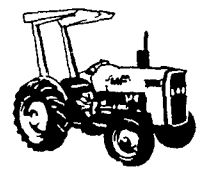

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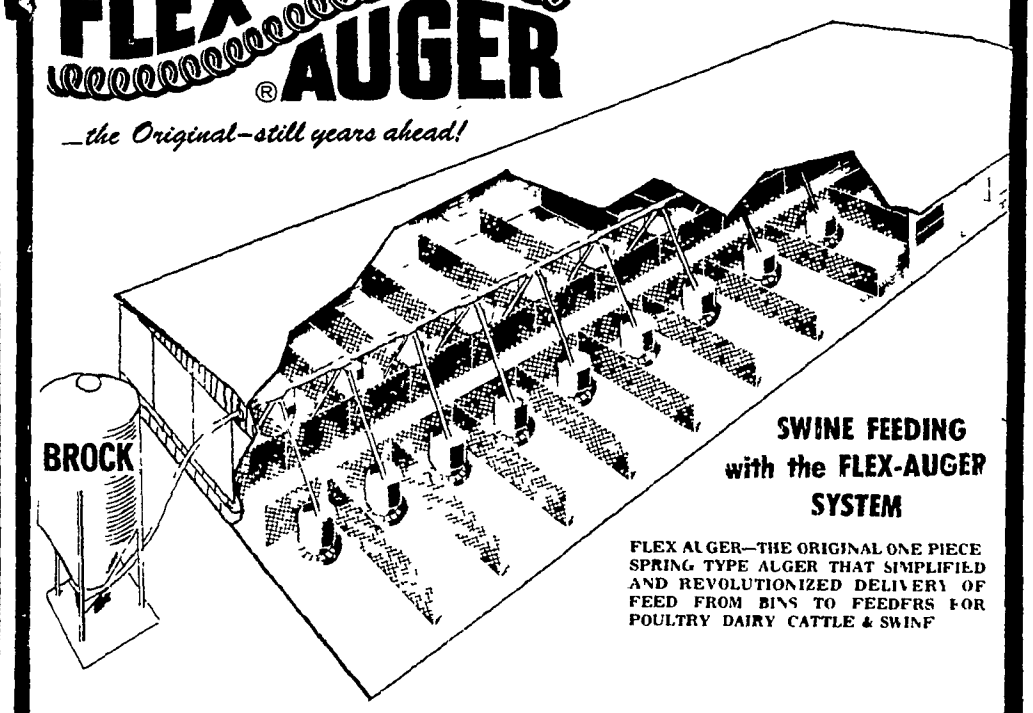

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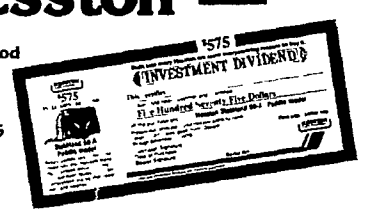
Dividends good from Oct. 1, 1976 through Dec. 31, 1976



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Tractors just received - Massey Ferguson 1100, 175, John Deere 2020, 730, 1970 - John Deere 4020 power shift, 1965 - 4020 power shift, (New) John Deere 8430 fully equipped. Farmall 1066, Oliver 1750, 1800. Ford 8000, 5000, David Brown 1212.

Combines just received - (New) 4400 Diesel, (New) J.D. 6600 Side hill.

COMBINES—Gleaner F w-both heads, L diesel w-grain and corn, G, CII, K w-cab 10 ft. and 2 row corn. Int. 815 diesel w-both heads, 503, 82 pull type. JD 6600 diesel fully equip. both heads, Hydrostat, 7700 diesel gear w-both heads, 95, 45, 40 square backs. M.F. all Quick tach 300, 410 D w-cab, 510 D w-air, older 300, 410, 82 w-cab, N. I. 701 Uni tractors w-combines and shellers, 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads.

CORN HEADS—John Deere 843, 643, 444, 343, 244, 435, 434, 335, 235, 234, 205, Massey Ferguson 44, 43, 24, 421, 222 for 300 & 82. Gleaner F335, A330, Int. 763 six row, 227, 3 row for 38" for 315.

HARVESTERS—Gehl 600 with electric sharpener and 2 heads, John Deere 38 with 2 row corn, 34. New Holland 717.

HAYBINES—(New) John Deere 1209, Owatonna self propelled.

(New) M.F. grain drills, used J.D. FBB. Kill Bros. grain boxes.

CORN PICKERS (2) (New) New Idea 2 row pull 30" & 40" w-8 & 12 roll beds, 2 used narrow row w-8 & 12 roll beds, 2 nice used 2 row wide w-12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, 319, 305 mounted w-12 roll bed & shellers. Super shellers for pull pickers, shellers for mounted pickers. J.D. 237.

Also (New) New Idea 323 - (one row picker) SOLD

(New) New Holland 1034 Bale Stack wagon, N.H. 352 Grinder Mixer, (New) N.H. 256 rake. Int. 4 row stalk shredder.

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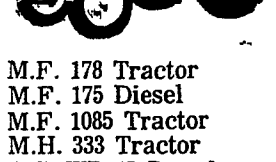

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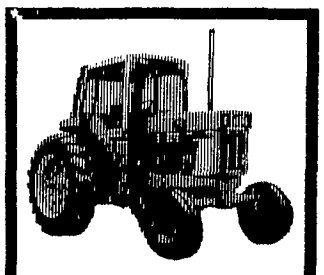

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Case, New Idea Elec., Massey Ferguson

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Case, New Idea Elec., Massey Ferguson

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Case Model SC
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N.I. 212, 213, 214
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28 ft. Smoker Elevator w-hydraulic lift
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Farm Equipment

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USED TRACTORS
M F Super 90
A.C. C with Cultivators
J.D. MT w-cultivator
A.C. D12
I.H. 130 Tractor w-cult.

NEW EQUIPMENT
N.H L-35 Skid Loaders
N.H. L-25
10 ft. Miller Disk

NEW TRACTORS
A C. 7040
A.C. 7000
A C. 185
Yanmar Tractors

BHM FARM EQUIPMENT INC.
RD1 Annville, PA
717-867-2211

Farm Equipment

MF Massey Ferguson

SPECIAL
M-F 711 B.
skid steer loader
$7,850.00
Regularly $10,837.37

We have a good selection of new tractors and equipment:

Athens 131 disc harrows
Athens chisel plows
Glencoe soil saver
Better-Bilt spreaders
Gehl spreader, grinder mixer, 1500 round baler, 99 blowers.

NISSLEY FARM SERVICE
Washington Boro, PA
717-285-4844

Farm Equipment

NEW IH EQUIPMENT
New 77 Model Tractors on Display
500 Trailing Discs
55 Chisel Plows
375 Windrower
720 Plow
New Fox Harvesters of various sizes
New Idea Corn Pickers & Uni Systems
Badger Forage Wagons and Silo Unloaders
Used N.I. 215 Sheller
966 Diesel Tractor
H70 Tractor
Used Tractors of Various Sizes. Makes and Models
Tillage Tools
Hay Tools
Grain Drills, etc.
Clearance Sale on IH CADETS

SEE THEM WITH YOUR OWN EYES AND FIRST HAND AT THE

Chambersburg Farm Service, Inc.
975 S. Main St.
Chambersburg, PA
PH: 717-264-3533

Farm Equipment

JD4010D
JD3020D w-power shift
JD620 w-3 pt. & PS
JD530 w-3 pt.
Ford NAA w-Loader
Ford 861D
Ford 3000 gas & D
Ford 4000D
Ford 5000 gas & D
Ford 6000 Com.
Ford 8000 w-duals
Ford 9000 w-dual power, cab & dual wheels
M-F 1100
M-F 165
M-F 65 w-loader
M-F 135
M-F 35
Ford 3000 w-hyd. snow plow
Used Sauder Bros. loaders and snow plows
New Kelly 3 pt. log splitter-$395
7 ft. chisel plows
4 used manure spreaders.

KELLER'S FARM MACHINERY INC.
116 Richlandtown Pike
Quakertown, PA
18951
215-536-4046

JOHN DEERE — Nothing runs like a Deere

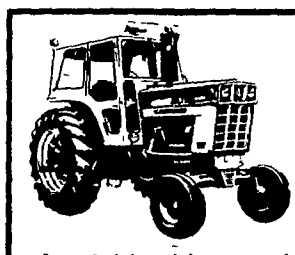
USED FARM EQUIPMENT
J.D. 3020 Tractor
J.D. 4020 Tractor
Farmall Super C w-cultivators
Ford 5000 Tractor
J.D. 38 & 35 Forage Harvester
Case 675 SP Windrower
J.D. 1209 Mower Conditioner
Souders Loader
Int. 711 Rotary chopper
N.H. 460 Haybine
(2) J.D. 216 Forage Wagon
24 ft. flat goose-neck trailer w-racks.
11 ft. 131 Athens disc harrow
1973 Int. Truck, Stake body w-racks in good condition
400 Gal. Dari-Kool Bulk Tank
Used Vacuum Suppliers

NEW FARM EQUIPMENT
J.D. 2040 Tractor
J.D. 500 Baler
J.D. 336 Baler
J.D. 1209 mower conditioner
N.H. 512, 518, 767 & 790 Spreaders
N.H. 477 & 479 Haybines
N.H. 850 Baler
N.H. 354 & 357 Grinder Mixer
N.H. 770 Harvester
Richardton High Dump Wagon
N.H. 770 Harvester
Richardton High Dump Wagon
Ag-Tex Low volume orchard & field sprayers
Perry Orchard Mowers
New Elevators
Glencoe Soil Savers

CLUGSTON IMPLEMENT INC.

Chambersburg, PA 17201
1 Block off I-81 Exit 8
Phone 717-263-4103

Dari-Kool Bou-Matic Milkers
MUELLER Bulk Milk Coolers
SPERRY NEW HOLLAND



USED EQUIPMENT

Available this month . .
BRAND NEW Gleaner Model M Series II Combine, fully equipped, Priced Right
New John Deere 6600 Side Hill Combine

Coming Next Week . . .
BRAND NEW A.C. 185 Diesel $11,200.
A.C. 7030, 240 hrs., No Cab
A.C 7030, 500 hrs., No Cab
Oliver 1755 Diesel
IH Hydro 100 with cab & Air, 650 Hrs.
IH 856 Diesel
Farmall 706 with 1066 Engine
Case 1170
IH 1466 with cab and air.

A.C. D21 Series II Tractor with cab
Fox 2100 chopper with 2 heads.
BRAND NEW N.I. 2-row 12 roll pickers
(2) 1976 John Deere 4630, one w-120 hrs., one w-220 hrs. SOLD
A.C Series 3 X[illegible] with cab SOLD
1976 Farmall 766 Diesel with 900 hours.
Farmall 756 Diesel
Hesston Model 600 Hydro Drive Self-propelled Windrower
Fancy 1967 [illegible] F. Combine, Cab, Air and Grain Platform SOLD
BRAND NEW Farmall 1086 and 986.
J D 720 Diesel w-Electric Starter
(Used) 7700 Diesel with 6-row Corn Head & Grain Platform $23,750
IH 1256 $9,250.00
Case 930, Standard Tread, w-cab
(2) Used 1066's w-Cab, Air, (1) hydro (1) TA
656 Farmall Gas
727 Husker for Uni
(1)(2) Nice N I 323 1-row pickers $2275.00
1968 John SOLD 4020 $8,250 00 Nice
Farmall 856 SOLD
4-row 30" head f SOLD aner M, 3-row 30" for Gleaner F, several 2-rows for Gleaner, K, 3 and 4 row heads for Uni
Farmall 544 Gas
IHC 303 Combine w-Cab and 2 heads, real clean, 1 Left.
Int. 615 Combine w-Cab and 2 heads, real clean, 1 Left.
Int 615 Combine w-corn & grain platforms
(3)(4) Gleaner Combines w-corn heads, Models, E, All, K
Several Shellers for N I. pull or mtd Pickers
Mustang Skid Loader
Lots of IH and J.D. front and rear weights

RAYMOND B. LEAMAN

Willow Street RD1 Phone Lancaster 464-2480
Midway between Lancaster & Quarryville
off Rt 222 Take Brenneman Road
at Graybill Bros Garage, Refton

FOR SALE

HAY WAGON - 8 X 8 X 18 $550
RUNNING GEARS - $400

Price increase on January 1, 1977

Stevens Manufacturing Company

Phone 215-267-6974

NEW FARM EQUIPMENT IN STOCK

J.D. 78 and 88 Rear Scraper Blades
J.D. 14x7 Drill with double disc openers
J.D. 205 Rotary Mowers
J.D. 110 Disc Harrow 11' 5"
J.D. 37 Loader
J.D. 145 Loader
J.D. 350 Mower
J.D. 2-row 3 pt. Planter
J.D. 1440 4-row No-Til Planter, Demo.
J.D. 950 Roller Harrow
J.D. 1250 3-16 3 pt. Plow
J.D. 2500 4-18 Power Reset Plow
J.D. 1450 5-18 Plow
(2) J.D. F350 5-16 Power Reset Plows
J.D. 1065A Wagons
J.D. 2240 and 2640 Tractors
New Brady Shredders
New Brillion Packers and Spring Tooth Harrows
New Brillion Chisel Plows
New Bush Hog 5, 6, 7, 9, 10 and 13 ft. Rotary Mowers in stock
New Bush Hog Chisel Plows

ATTENTION FARMERS — ON EQUIPMENT PURCHASED AND DELIVERED TO YOU PRIOR TO JAN. 1, 1977 THE IRS SPONSORED INVESTMENT TAX CREDIT PROGRAM ALLOWS YOU TO DEDUCT UP TO 10 PERCENT OF THE PURCHASE PRICE FROM YOUR NET INCOME TAX.

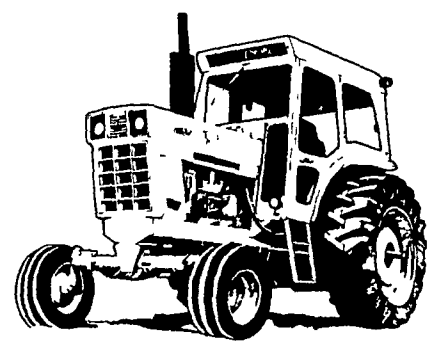
ALSO WAIVER OF FINANCE ON MOST NEW AND USED EQUIPMENT UNTIL THE NEXT USE SEASON

JOHN DEERE

MILLER'S SALES & SERVICE, INC.
John Deere-Brady-Brillion,
Bush Hog, Hesston, Lely
Stewartstown, Pa. Ph: 717-993-2470

WINTER MAINTENANCE SPECIAL

20% OFF



On All IH Parts Used By Our Service Shop On All Repairs Totaling $200 Or More On AG, Industrial or Outdoor Equipment.

Offer Good Dec., Jan., & Feb.	Pickup & Delivery FREE Within 20 Mile Radius.

SCHOENECK INTERNATIONAL EQUIP.

Oakwood Lane at Rt. 873 Schnecksville, PA
(215) 437-4813 or (215) 767-3806

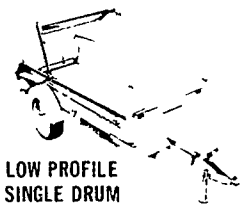
Farm Equipment | Farm Equipment | Farm Equipment | Farm Equipment | Farm Equipment | Farm Equipment

Ford Tractor 3000 Diesel
Ford Tractor 4000 Diesel
Ford Tractor, 5000 Gas
Ford Tractor 6600 Diesel, 90 hrs.
John Deere Tractor 4020
JD Model 60 & Model A
Rotor Scythe 10 ft.
Ford Corn Picker, mounted 1-row
Cub w-Woods mower, model 59
Cub Lo-Boy w-60" mower
Ford Blower Model 618
Used utility trailer - 6, 9, 15 ton
New General Trailer - 6, 9, 18 ton
Ford Tractor Loader Backhoe Model 3500
Ford Tractor Loader Backhoe w-Cab Model 4500
Ford Tractor Loader Model 3400
Case Compact, Model 1816
Farmhand Corn Burr
New and used Lawn Tractors

STRALEY FARM SUPPLY, INC.

1760 East Canal Road, Dover, Pa. 17315
717-292-2631 or 717-292-4443

PATZ
MODEL 181
MANURE SPREADER



LOW PROFILE
SINGLE DRUM

Fits all standard tractor P T O s rugged Patz Model 150 hook and eye apron chain full 180 bu capacity optional hydrau lic end gate retains all liquids within spreader box during travel

See your PATZ Dealer today

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STANLEY A. KLOPP INC.
Sales and Service
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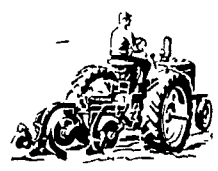
USED TRACTORS
J D G
Ford 850
A C D19 w/Duals
Ford 3000
J D 4230 w/cab

Bernville, PA 19506
215-488-1510



EAGLE MACHINERY COMPANY
Route 100, Eagle, Pa

NEW EQUIPMENT IN STOCK

(6) Rotary Mowers, (1) 6' 3 pt. hitch, (2) 5' 3 pt. hitch, (3) 5' 3 pt 3 spindle
New 2-Bottom 12" Plow
New 2-Bottom 14" Plow
3 pt 6' Disc Harrow

USED EQUIPMENT

Farmall M Tractor WFE
Good Roads snow blower with Ford Industrial engine for front end loader

NEW OLIVER PARTS

20 Boxes of 16" Shears
10 Complete Coulters
5 Beam for spring automatic plow
20 new Starters, alternators and generators
New Radiators for 1800's
Plow Bottoms
New Cylinders and Valves

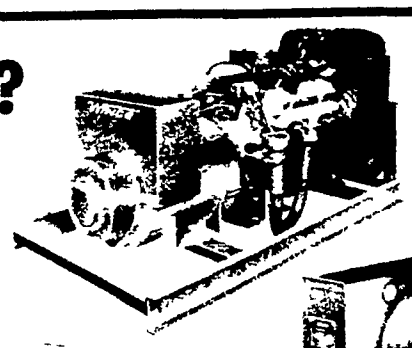
SPECIAL NOTE - 50 Sets of New Tire and Truck Chains, all sizes.

Phone (215) 458-5326

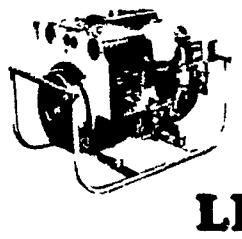
NEED GENERATORS?

We Manufacture, Install & Service
Automatic and Manual Systems
from 25 to 100 K.W.

WINCO



MAXI POWER



OVER 60 UNITS ON STOCK.

LEONARD MARTIN COMPANY
330 FONDERWHITE ROAD, LEBANON, PA. 17042
PHONE: (717) 273-6478

IN STOCK
INTERNATIONAL series 86 tractors
the pro-ag line

WE'RE DEALING NOW!

NEW TRACTORS IN STOCK
Cub - 364D - 464G - 574D
886D - 986D

NEW SPECIAL
3200 B-Skid Steer Loader
List Price $8500 $6500

— WAIVER OF FINANCE —
Tractors, Equipment Sold With Tractors, Combines, Planters, Hay Tools, And Cultivators

— FREE! —
AM-FM-Stereo Tape Player With Any New '86 Series Tractor With "Control Center" Till Dec. 31, 1976

— USED EQUIPMENT —

TRACTORS
1066 - D w-cab - new tires
656 - D new paint
Farmall M
H w-cultivators - new paint
A-C D-19 Diesel w-4-16" mtd. plow
A-C D-17 - new paint
A-C WD
Oliver Super 55
Massey 44

HAY & FORAGE
440 Baler w-thrower
46 Baler w-thrower
350 For. Harv. w-heads
J.D. No. 6 For. Harv.
20-C For. Harv.
Massey 3 pt. Sickle Mower
New Idea Sickle Mower
J.D. Chuck Wagon
N.H. Forage Wagon

TILLAGE
(2) 550 Plows 5-16"
540 Plow 4-16"
370 D.H. - 12'
Pittsburg D.H. - 8' & 10'
10' Soil Pulverizer
315 Packer Mulcher - 12'

MISCELLANEOUS
155 Spreader
Hawk-Bilt Spreader
G-T Grain Cleaner
Midwest Planter Harrow
Ford 1 Row Mtd. Picker

C. H. MANIFOLD INC.
NEW PARK, PA. 17352
717-382-4272

COMBINES

642 New Ford, hydrostatic diesel, cab six row head, 15' grain head, List $48,070.06 CALL FOR SALE PRICE		No Interest till July 1977
630 Used Ford Gas, 4 row head, 13' grain head, fully guaranteed	$14,000	
New Hesston Potato Harvester ready to work	$17,500	No Interest till Aug. 1977

TRACTORS

John Deere B, as is	$350	
Minneapolis Moline, wide front	600	
8N Ford 1952	1450	
130 Int with 6, mower	1800	
Int 340 Tricycle with culti	2700	
Ford 950 Tricycle, ex	2800	
Ford 800 with industrial ldr	2900	
Ford Tractor Loader-Backhoe	3200	
Case 530 Farm Tractor recond	3400	
Ford 4000 Industrial with snow blade select-o speed	3400	No Interest
New Ford 1000 Diesel 23 h p	4000	till March 1977
1972 John Deere 820 w/145 loader hours	685 6500	Excellent
1969 Ford 4500 TLB 13 hoe torque con verter	7800	
1969 Ford 4500 TLB 15 hoe 6x4 recon ditioned	8900	
Ford 6600 70 H P All Purpose Diesel Row Crop	10,500	No Interest till March 1977
Ford 6600 Row Crop w/cab	12,000	No Interest till March 1977
1969 Int 3800 4 wheel drive 1 ¼ yard ldr 17 backhoe	12,000	
1974 Ford 3500 TLB ROPS 700 hours	14,500	
New Ford 8600 110 H P dual power	16,500	No Interest till March 1977
New Ford 8600 110 H P with cab & heater & air dual power	19,500	No Interest till March 1977
New Ford 9600, 135 H P with cab heater & air dual power	21,500	No Interest till March 1977

EQUIPMENT

John Deere 2 row pull type w/fertilizer hopper	$350	
6' Side Winder mower tire drive 3 pt hit ch	$550	
3 Roxy Gang Mowers w/hitchs demos	600	
New Ford Forage Blower	800	
New 3 pt hitch 2 row planter with fertilizer hopper	850	
New Ford 142 6 bottom 16' spring trip with coulters	2900	No Interest
New Ford 535 Mower Conditioner 9	3400	till March 1977
New Hesston 1010 Hydro Swing	4900	No Interest till May 1977
New Stakhand 10 with corn stover pad-dle	6600	No Interest till May 1977

DEL—MAR FORD TRACTOR, INC.
Rte. 42 JUST WEST OF U.S. 13
CHESWOLD, DEL. 19936
PH: 302-678-8484

Ford Tractors Equipment

HESSTON FARM EQUIPMENT

Farm Equipment

PLOWS: Oliver 12, 14, and 16" 2 bot. plows.
DISCS: J.D. KBA, [1] 20, [1] 24, [1] 28; IHC [1] 20, [1] 24.
GRAIN DRILLS: 13 x 7" disc, [3] Oliver Superior, [1] Ontario, J.D. FB-B 15x7 hyd. lift [1] Case 16x7 mch. lift.
MOWERS: Horse drawn IHC No. 9, 7 ft. w-wide wheels, trailer drawn [1] A.C. and [1] IHC and New Idea w-PTO out rear.
HAY EQUIP.: 1 Smoker 24 ft. elevator; N.H. PTO 68 & Super 68 balers, sharp; [2] Myers comb. mower crushers, N.H. 404 Crusher; [1] IHC 5 bar rollerbar rake [2] Brillion cultipacker seeders 8'; NH 55 Roller Bar Rake.
SILO FILLERS: Papec 16" & 19" finger feed; Papec 19". IHC No. 9 & No. 7 David Bradley.
ENGINES: Wisc. 1 cyl. w-clutch red., 2 cyl. THD w-clutch red., 2 cyl THD w-baler mounts, 4 cyl. VE4, VF4, VP4, VG4, [1] IHC power unit w-clutch red. 35 to 40 H.P., [1] A.C. Power Unit w-clutch reduction. [4] A.C. reduction gears.
FERTILIZER DRILLS: All 10 ft. widths IHC with seeder boxes; 1 Ezzy-Flo; 1 New Idea; 1 Ontario, large capacity; 1 Whirly Bird fertilizer seeder on wheels
Jamesway & Louden Litter carriers w-track & accessories.

T. J. WHEARY & SONS
717-687-6553
Free delivery within Lancaster Co.

Farm Equipment

LANCASTER SILO CO., INC.

2008 Horseshoe Road — 2436 Creek Hill Road
LANCASTER, PA 17601

A COMPLETE INVENTORY OF FEEDING-SYSTEM EQUIPMENT IN STOCK. INSTALLATION AND SERVICE AVAILABLE FOR ALL EQUIPMENT

"LANCASTER" Taper Board Feeders
"LANCASTER" Slat Chain Conveyors
"LANCASTER" Belt Feeders
Starline Silo Unloaders.
Single & Double Chain Conveyors
Protein Meters - Silage Weighers
Roller Mills - 56" Silage Blowers
Ritchie Cattle & Hog Waterers
Water Bowls - Windows - Barn Fans
Hay Racks - Cattle Head Gates
Patz Silo Unloaders

IN STOCK

SPECIAL PRICES - FARM DUTY TOTALLY ENCLOSED MOTORS ½ TO 10 H.P. IN STOCK.

NEW 12" BELT FOR BELT FEEDERS - $1.75 PER FT.

DISCOUNT PRICE - CHAIN FOR SINGLE CHAIN CONVEYORS W- 6 in. or 8 in. PADDLES.

NEW STARLINE CHANNEL-FEEDER 10' TUBES WITH AUGERS $90.00 EACH.

USED EQUIPMENT SPECIALS:
1 - 56" Hustler Silage Blower - Used 2 seasons - $550.00
1 - Hi-Pressure Portable Water Sprayer W-Gas Engine - $150.00
1 - Used Van Dale 16' Silo Unloader Complete w-Motor $1495.00
9- New Starline No. 1285 Stanchion Yokes - $20.00 ea.

CALL NOW FOR DETAILS: 717-299-3721
GUY ROHRER-SALES- 872-4411
LARRY HIESTAND- 273-7394 (Lebanon Co.)

ERB & HENRY EQUIP., INC.

New Berlinville, PA 19545 Phone (215) 367-2169
DAILY 7 TO 5:30 FRI. TIL 9 SAT. TIL 4

WAIVER OF FINANCE ON HAY EQUIP. TIL MAY 1, 1977!

FALL TILLAGE EQUIP. . . .
Disc Harrows, Chisel Plows, and Plows . . . IN STOCK!

WE HAVE A GOOD SELECTION OF IH REPLICA FARM TOYS FOR CHRISTMAS!

NEW EQUIPMENT

- IH 986 w. Cab
- IH 185 Cub
- 1086 w. Cab in Stock
- 1086 w. 4 Post-Canopy
- 886 w. 4 Post Canopy
- 464 D-Special Price!
- F 140
- F CUBS

SPECIAL ON VICON POWER HARROWS—10' & 15'

— USED EQUIPMENT —

TRACTORS:
Int 856 Diesel
IH 560 Utility, Gas
460 D Utility
IH 504 D, wide front end
Farmall Super C Tractor with fast Hitch, Cult. & Plow
Farmall Super H
Farmall 330
Farmall B275 D w/loader
M F 65D
M F Pony with Rotary Mower
AC Model C Tractor w. Plow & Cult
IH 444 w. 1501 Loader
IH 560 D [NICE!]
Cub Low Boy w Mower

COMBINES:
503 w/4 row head [rebuilt engine] and 15 ft. Grain Platform

SHREDDERS:
2 Row Brady

HAY EQUIPMENT:
Allis Chalmers 9' Haybine
47 Int. Baler with Thrower
481 NH Haybine
IH 4 Bar Rake on Steel

TILLAGE:
AC 9 Ft Disk Harrow
JD 10' Packer Mulcher - new style
5 Bottom Oliver Hyd. Reset
4 Bottom Oliver Hyd. Reset
IH No 70 4 Bottom
IH No 70 5 Bottom
IH No 710 4 Bottom
16" Brillion Transport Harrow

MISCELLANEOUS:
Sickle Bar Mower for JD. A or B
Gehl Model 130 Feeder Wagon

Special Price On
570 & 580 Int. Manure Spreaders

ERB & HENRY IS HEADQUARTERS FOR:
DELAVAL FMC BEAN
VICON SPREADERS BUTLER-JAMESWAY
TRY US FOR INTERNATIONAL PARTS

BE READY FOR SPRING . . . GET SERVICE WORK DONE EARLY!

HAVE LOW HARVEST PRICES AND ELEVATOR SLOW DOWNS CONVINCED YOU TO BUY ON FARM STORAGE?

GAYLORD EQUIPMENT TRUCKLOAD GRAIN BIN SALE LETS YOU AFFORD IT!

THESE PRICES ARE EFFECTIVE UNTIL DEC. 15, 1976

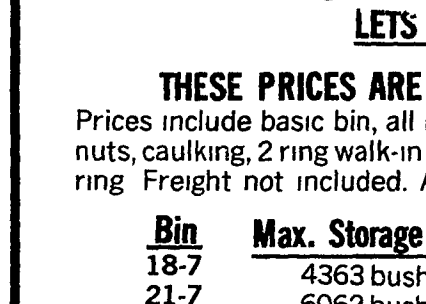
Prices include basic bin, all hardware, roof ladder, hold downs, bolts, nuts, caulking, 2 ring walk-in door, Man Way roof panel and base angle ring Freight not included. All sizes available.

Bin	Max. Storage Cap.	Weight	List	Sale
18-7	4363 bushel	3661	$2330.	$1400.
21-7	6062 bushel	4450	$2800.	$1700.
24-7	7981 bushel	5461	$3337.	$2000.
27-7	10242 bushel	6476	$3925.	$2400.
30-7	12819 bushel	7980	$4825.	$2900.
33-7	15723 bushel	9170	$5564.	$3300.
36-7	18963 bushel	10948	$6483.	$3900.
42-7	26500 bushel	14554	$8872	$5300.
48-7	35497 bushel	18429	$11180.	$6700.

Also available - Drying Floors, Gas and Electric Heaters, Fans, Unloading Equipment, Grain Cleaners, Spreaders, Stirring Devices, Roof Augers.
We can put together any grain handling system you want at unbeatable prices.

Transport Augers available in 6", 8" and 10", 27 ft. to 71 ft.

FUEL TRANSFER PUMP



Model 120

System Includes • 20 ft. Battery Cable and Clips • 12 ft Hose with Nozzle • Suction Pipe and all Hardware • Nozzle Holder-Dust Cover • Easy-Clean Strainer

Auger	List	Sale
6" x 41 ft.	$1178.	$766.
6" x 53 ft	$1628.	$1058.
8" x 41 ft.	$1816.	$1180.
8" x 53 ft.	$2138	$1390.

The first six 27 ft. diameter and larger bin buyers get battery operated fuel transfer pump or Dickey John Moisture Tester FREE.

Other buyers can purchase for reduced prices of $132.00 for the pump and $160.00 for the tester plus freight.

Write or Call After 6 P.M. to

GAYLORD EQUIPMENT

88 Ridge Road, RD No. 2,
Monmouth Jct., N.J. 08852
Phone 201-329-2666

SCHAEFFERSTOWN EQUIPMENT CO.

SCHAEFFERSTOWN, PA
½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529
Ask for Lee or Ralph

HOURS:
Mon. thru Fri.
7:30 to 9:30 P.M.
Sat. 7:30 to 3 P.M.

FARM TRACTORS

4010 diesel	$6500
4020 diesel, power shift	$7750
Massey 85 gas	$2250
MF 30, new motor	$1200
Farmall Cub, snow blade	$1750
JD 520, PS	$1800

BACKHOE LOADERS

Case 580 diesel	$6500
Case 680 diesel	$7500
Case 580 B, 1973	$10,700
Int. 3414 diesel	$4500
Int. 3414 gas	$3750
[2] 3444 diesels, sharp	$4500 ea.

CRAWLER LOADERS

JD 2010 w/ripper	$3850
2010 diesel just overhauled	$4500
JD 350, sharp	$5950
JD 350 w/4 in 1 bucket	$5500
JD 350 w/backhoe	$7500
JD 450 w/backhoe	$9500
[2] Case 450 diesels	$7500 ea
[2] Case 1150 diesels	$7500 ea.
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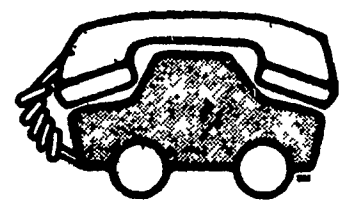

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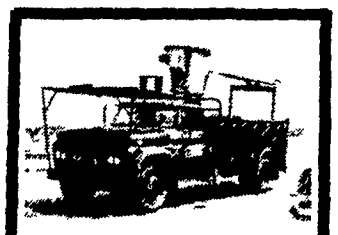

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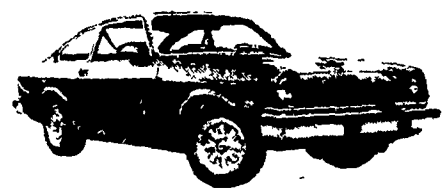

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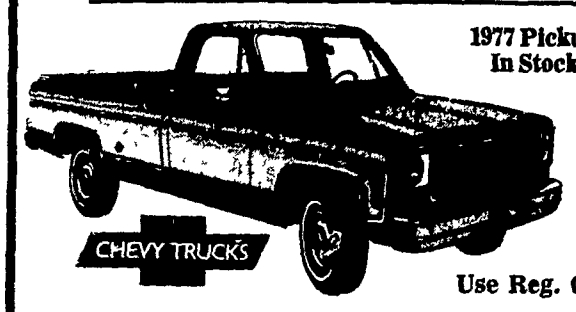

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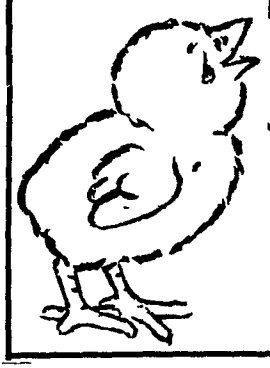

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RD1 Bainbridge, PA
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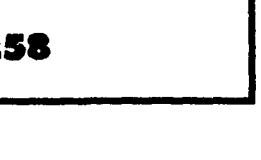

• LIME & FERTILIZER • GRASS SEEDS
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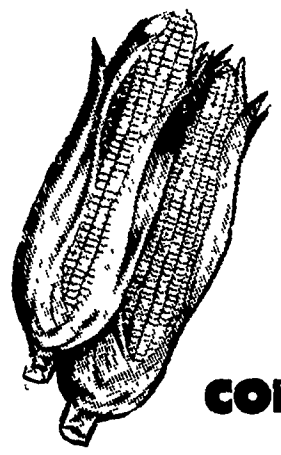

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RD1 New Holland, PA
Dealer in Small Grains

Miscellaneous

For Sale - Majestic Cook Stove, excellent shape with hot water tank. Also Black Columbia Cook stove. PH: 215-593-5754

For Sale - Majestic cook stove, also Prizer cook stove, both in working condition. Ph: 215-593-5754.

FOR SALE - SAWDUST - $100.00 a trailer load plus delivery. Approximately 45 cu. yds. WALTER H. WEABER SONS, INC., R. D. 4, Lebanon, Pa. PH: 717-867-2212.

For Sale: Approximately 2,000 feet walnut lumber. PH: 717-776-3239.

Clipper Blade Sharpening, Clipper Repairs, Used Clippers For Sale. Don Lohr, R6, Lancaster, Pa. 17603 Phone 717-872-5503

1 Pr. Used Duals for 18.4x34 tire fits any tractor.
1 set Good used tires 18.4x34.
1 set New 15.5x38 tire chains.
1 set 18.4x34 tire chains, must sell.
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Articat and Polaris snowmobiles; savings on early buys. Clothing and accessories. Service on all models. Windy Springs Farm, Quakertown, PH: 215-536-8624

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automatic bed warmer
You'll Love its Comfortable,
Relaxing warmth Why suffer from colds cramps poor circulation pains, or sleeplessness because your body heat is used up warming a cold damp bed Recommended by doctors and thou sands of satisfied users You will like it
BE READY FOR COLD WEATHER ORDER NOW!
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Wanted to buy - Winchester bolt action deer rifle, prefer older model. Please state price, condition and Serial Number. Ivan Weaver, R. D. 2, Mifflintown, Pa. 17059

gd-pets
For Sale - Pomeranians - beautiful 8 weeks AKC black and blonde. Home raised and healthy. Ph: 215-395-4422. If no answer phone 215-395-6520.

For Sale - Newfloundland pups, ready to sell week of Christmas. John S. King, R. D. 1, Gap, Pa. at White Horse - first farm East of White Horse.

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Wolverine Shoes
Durability and Comfort
Shoes and Boots for the entire family

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SHOES & SADDLERY
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Berks Co., Pa.
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For Sale - alternators, would trade in generators, any size motors and gas engines, handy-man jacks, water bowls, Patz equipment, regular baler twine, 11L and 12.5-15" tires. PH: 215-445-6409.

For Sale - whole smoked turkeys, boneless turkey, ham, smoked breasts. Reasonable - wholesale and retail price. Glenwood turkeys. PH: 215-267-5059.

Miscellaneous

For Sale - Two-horse Bob sleigh in good condition. Small trencher with new chain, new engine, used very little. Elam S. Fisher, R. D. 3, Newville, Pa. 17241

WOOD SHAVINGS. Ideal for work-ways and bedding. $25.00 per ton picked up or bulk load at $200.00. Less expensive than straw or tanbark. Contact Bob Geist at Leola Supply Co. Inc. PH. 717-656-6811.

CASH FOR PUPS
I need Purebred and cute mixed litter lots, 7 to 10 week old. Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1 Manheim, PA Every Tuesday 6 p.m. to 9 p.m. No Phone Calls.
P.S. $50 Prize for the cutest pup purchased on Tuesday, Dec. 14.

NEED A CHRISTMAS GIFT IDEA?
GIVE AN ESCORTED TOUR

JAMAICA	February 22 1977 8 Days All Inclusive	$499
HAWAII	March 12 1977 15 Wonderful Days	$967
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PIONEER CHAIN SAW
Get a free hunting-logging vest worth $20 with the purchase of a PIONEER.
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Classifieds for the Farm Woman

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CAST IRON BLACK COOK STOVES FOR SALE
IN EXCELLENT CONDITION
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Atglen, Pa.

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SAVE 75 percent on Heating Bills. Cast iron Norwegian box stoves, Franklin fireplaces, thermostat controlled, cabinet models, air tight construction. An all stainless steel chimney pipe and accessories.
Call
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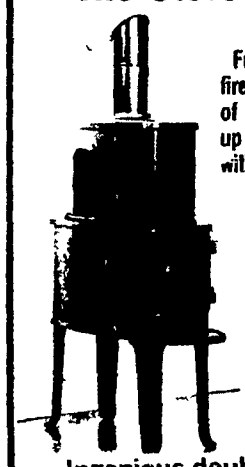
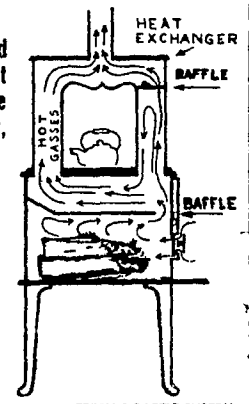
For Sale - warm morning coal heater - $200. Jacob S. Smucker, Sr. R. D. 2, Box 380, New Holland, Pa. 17557

Printed Pattern

9183
SIZES 34-48

New shirt and wrap skirt. Printed Pattern 9183:
Women's Sizes 34, 36, 38, 40, 42, 44, 46, 48.
ONE DOLLAR for each pattern — add 35 cents each for first-class airmail and special handling. Send to 170 Newspaper Pattern Dept., 232 West 18th St., New York N Y 10011

HOUSEHOLD

MORSØ
The Stove of Tomorrow, Today!

Franklin stoves and fireplaces allow most of the heat to escape up the flue. However, with MORSØ's


SMOKE FLOW PATTERN & BAFFLE SYSTEM
Ingenious double baffle system, 80 per cent of the heat generated stays right in the room.
•Enamel finish •Air tight design
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Year end clearance of thermostatically controlled wood stoves
We have stainless steel insulated chimney pipe in stock.
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1¼ mi. N.E. of Green Dragon on Glenwood Dr.
Call 717-733-0703

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For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators.
MYER'S GAS REFRIGERATION
R.D. 1, Leola, Pa.
Ph: 717-656-7169

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Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs
ESCH FLOOR COVERINGS
¼ mile North of Bird-in-Hand, on Beechdale Road

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LITTLE GIANT LOG SPLITTER
$375
Splits logs from 14" to 30"
3 pt. hitch . . .
Works any place Your tractor will!!
Free on sight demonstration.
Call 215-935-2587
(ask for Bill)

Help Wanted

Dairy Farm desires individual experienced in crop farming & cattle feeding. References preferred. Good housing, salary & benefits. Available early 1977. PH· 717-367-2461 after 6 P M.

A NEW PARTY-PLAN CO. Starting This Area. Part-time (2) evenings. Do Home-Decorating and Floral Designing Shows. Earn $50 to $100 per show! Managers also needed. Call anytime, (215) 433-2211 or (215) 435-6711.

Experienced single man or boy for dairy farm in Mt Joy area. Live in or commute Phone 717-653-5811.

Help Wanted

Help Wanted for Beef cow operation and general farming. Some experience necessary. Write Box 266K c-o Lancaster Farming, Lititz, Pa. 17543

Wanted - Knowledgeable and hard working crops manager. Must be experienced in farm work and up to date with modern farming methods Must be energetic and have the desire to produce Good wages and benefits References required. Only those meeting the above qualifications need apply. Call Lauxmont Farms. 717-252-1525. After 8 PM call 717-252-3925.

Help Wanted

Help Wanted - Mechanic with some experience for A.C. and N. H. Farm Equipment Dealer. Full time work. Day call 717-867-2211, after 5 call 717-838-3351.

Wanted - dependable person to work on modern dairy farm in Oley Valley Must have some experience with machinery and cattle Good wages, home provided Ph 217-689-5496.

Experienced person to strip tobacco (Millersville area, Lancaster County). Phone 717-872-5554.

Hired hand (Lancaster County). John S. King, R. D 1, Gap, Pa. at White Horse

Help Wanted

Experienced diesel mechanic wanted. Apply in person at Leid's Diesel Service, R3 New Holland, PA 17557

Wanted - Meat man to set up stand at new Farmers Market Fridays and Saturdays, Call Kirkwood 717-529-6249.

Farmer - Experienced. Knowledgable in caring for fruit trees, animal husbandry, general farming, drivers license, good benefits & working condition. House Write P.O. Box 266E, c-o Lancaster Farming, Lititz, Pa 17543

Help Wanted

Help Wanted - Married Person to work with brood sow herd and general farm work. House available, good wages and benefits. Phone 717-665-3248.

Help needed on dairy farm. Experience necessary. Located east of Honey Brook along Rt. 322. PH. 215-269-3442

Person for assistant herdsman and general farm work; modern dairy and jugging operation. Three-bedroom house available with modern conveniences. Send response to P. O. Box 266J, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Manager of cage layer operation; some general farm work 3 Bedroom house, salary open Call 717-367-1861 for appointment

Caretaker with some farming experience to maintain country home, grounds and small farm. Southwest of Reading. Experience with care of equines, sheep and operation of light farm equipment for hay making necessary. Regular hours, good pay. Housing not available. References required. Send response to P. O. Box 266I, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

Wanted - beef cattle farmer, company paid benefits and house, Experienced and referenced (Chester County). Send resume to Sunny Slope Dairies, R. D. 1, Spring City, Pa. 19475 Ph: 215-948-8300.

Livestock For Sale

For Sale - 2 Registered Polled Herefords, 1 heifer & 1 bull, 7 mos. old. PH: 717-235-4120

For Sale - Purebred Angus bull, 1 yr. old 792-3216 York Co.

Wanted - Entire herd or part of herd of dairy cows or springing heifers. Call 301-358-0412 after 8 p.m.

Duroc Breeding Stock
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Ph: (717) 866-7061

Dairy Cattle, cows mostly 2 to 3 weeks fresh & 30 head springers, for sale at Cramers Farm, Newport, PA PH: 717-567-6782

Now buying entire dairy herds - Holstein or Guernsey. Have young farmers starting up. Highest cash prices paid. Call immediately collect: 609-298-1021
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Performance tested registered Angus: open heifers, bred heifers, cows with calves at side and rebred
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Hampshire and Yorkshire Service Age Boars and Gilts from certified meat type breeding. Contact John Strawbridge, Stewartstown, PA 17363. Phone 301-996-2022.

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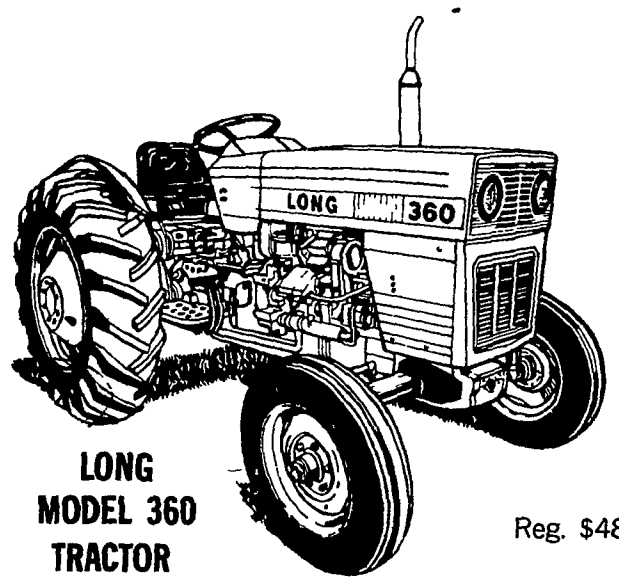
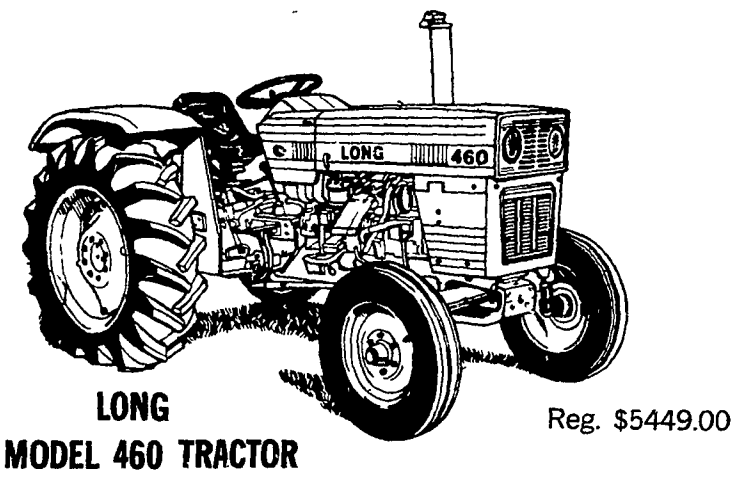
ONE DAY ONLY -
DEC. 13th 8:00 A.M. TILL MIDNIGHT

FREE DRINKS ALL DAY



LONG MODEL 360 TRACTOR
Reg. $4802.00
142.8 Cu. In. 3 Cyl. Diesel, 35 Horsepower Live PTO
3 pt. - 6 Forward, 2 Reverse, 12.4 X 28 Tires.
F.O.B. FACTORY **$3602.00**
Other options available



LONG MODEL 460 TRACTOR
Reg. $5449.00
142.8 Cu. In. 3 Cyl. Diesel, 42 Horsepower Live PTO
3 Pt, 6 Forward, 2 Reverse, 14.9 X 28 Tires.
F.O.B. FACTORY **$4087.00**
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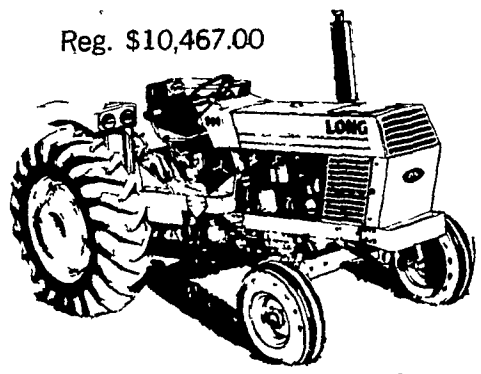

LONG MODEL 900 TRACTOR
285 Cu. In. 4 Cyl. 73 Horsepower Diesel, Independent PTO, 16 Forward, 8 Reverse, Power Steering, 18 4 X 34 Tires
F.O.B. FACTORY **$7751.00**
Other options available

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4 wheel drive, 7 50 x 20 front tires, 13.6 x 28 rear tires.
Reg. $6206 00
F.O.B. FACTORY **$4655.00**
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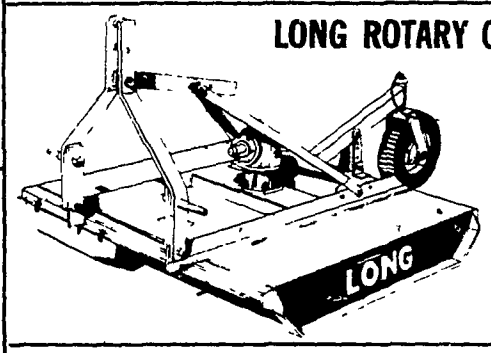
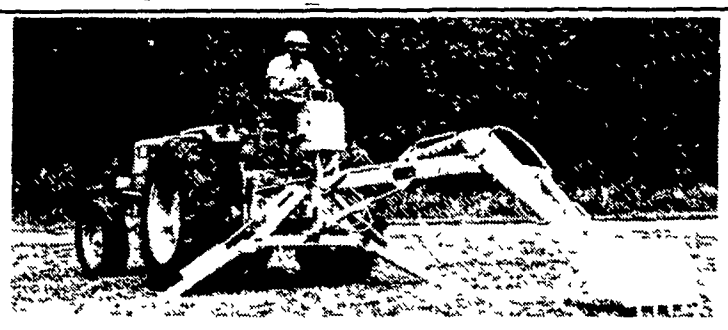
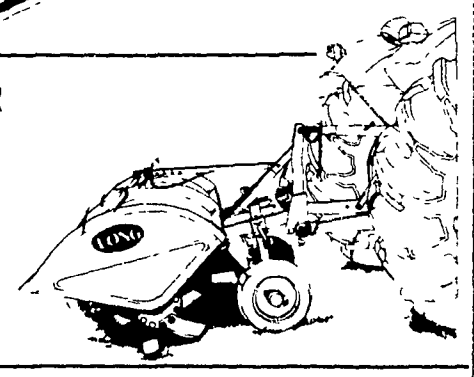


60 Inch 3 Pt
F.O.B. FACTORY
$401.00



LONG MODEL 1199A 3 PT. BACKHOE
Fits Any 3 Pt. Hitch Tractor
F.O.B. FACTORY **$2105.00**
*Other options available

LONG ROTARY TILLER
63 inch PTO, 3 pt tiller, gouge wheels
F O B Factory
$676.00



WENGERS' INC.

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown.

PHONE: Days 717-866-2138, Nights 717-866-7147.

Livestock For Sale

For Sale - Holsteins: complete herd of young top quality grade cows with good udders in various stages of lactation. Up to the minute DHIA records 19,300 Milk 697 fat. Call collect S. K. Norman, R. D. 1, Lebanon, Pa. 17042 717-866-4208

Holstein herds: 1 consisting of 27 head from Tioga County. Majority to freshen in next eight weeks. Herd of 21 out of Northampton County. Herd of 22 from Centre County. Call collect S. K. Norman, R. D. 1, Lebanon, Pa. 717-866-4208.

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Duroc Boars for Sale from Tested & Show winning bloodlines. Dutch Valley Farm, R5, Manheim, Pa. Mark Nestleroth, PH: 717-665-6220

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glen Farm R2, Strasburg, Pa. 717-786-2562.

For Sale - 2 Holstein bulls out of Hilltop Apollo, from Dams with good records. Phone 717-637-8131.

For Sale - Registered Hampshire and Yorkshire boars and gilts, all ages. Preston Bankert, R. D. 3, Red Lion, Pa PH. 717-244-1244.

For Sale - Fresh and close springer cows and heifers. Registered and grade. Roy Andrus, Columbia Cross Roads, R. D. 2, Pa. PH: 717-297-3213.

For Sale - Registered Holstein heifers. A Rocket dau. from a 20,000 lb. dam; A Gay dau. from a Jack Dam; A very nice dau. of an Apollo dam; several others, all very good size and due to freshen in two months. Clarence Martin, Sinking Spring, Pa. Phone 215-678-7813

For Sale - Duroc boars, our best crop of boars are service age and we need the pen space for younger stock. We must sell them soon so they are priced for a quick sale $150 to $200 - all boars are from excellent bloodlines out of the midwest. Group and large lots for the commercial producer. Ph: 717-733-6694

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Livestock for Sale - Reg. Holstein Bulls; one year old and younger - out of dams with records to 24,000M & 900 lbs. B. F. Stump Acres 717-792-3216 (York Co.)

For Sale - Bull - son of Pidy Burke Transmitter. Born 7-7-75. Dam is Jook Lucky Aster. Scored good plus 82. Record calfed at 4.6 2 x 305 days. Projected record 23,868 milk, 991 fat with 3.9 test.
Lester Jones & Sons, Inc.
Fostertown Rd., Medford,
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609-267-0198

For Sale - 2 Purebred Angus Breeding Bulls - 18 months. In good breeding condition. Guaranteed. Call (717) 467-2746

For Sale - Reg. Black Angus cows bred for spring. 4-H steer and heifer prospects. Stonecroft Farm, Yellow house 215-689-9168

Fine quality Guernsey first-calf heifers-just fresh. Top blood lines. Pat Tribble, Red Gate Farm, Summit Point, W. VA. 25446 304-725-4281

"Wisconsin and Canadian Dairy Cows for Sale, 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free Delivery. Call collect. Reuben Greenberg, Inc., Columbus, New Jersey 08022 - Phone 609-298-1021."

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YORKSHIRE BOARS
Raised in Group Lots for Commercial Producers
Delivery Available
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World's Largest Cattle
- Cows with calves at side.
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TWIN OAK FARMS
Quarryville, PA 717-786-2146 717-786-2201

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AT Affordable Prices
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ALSO 3-IN-1 PACKAGES.
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GREENFIELD CHAROLAIS FARM
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Livestock For Sale

For Sale - Chester White & Poland China Boars & Gilts. Same blood lines as Champion Boar & Reserve Champion Gilt at the Spotlight. James Parlett, Airville, PA PH· 717-862-3610

Real Estate

For Sale - 13 plus acres York County. Close to Norman Wood Bridge. Cash or terms. George Knight, 717-862-3372

For Sale - building lots - 1½ to 2½ acre lots in Juniata County. Also, 10 acre lots - Snyder County - road frontage - Ph: 717-444-3682

NEAR NORMAN WOOD BRIDGE in York County, 30 acres M-L $30,000. BAUGHMAN-LEADER, INC. 741-3805 or 862-3869. (422)

For Sale by Owner
Approximately 200 acre dairy farm, 130-140 acres tillable, limestone ground, well and mountain water, new milk house, new silo, 40 free stalls, 3 bedroom house (Morris Township, Huntingdon Co., Pa.) - $155,000.00. Ph: 814-832-3202

College graduate seeks dairy farm for rent. David Gaut, RD1 Box 287, Scottsdale, PA 15683

For Sale - 3 acres plus in Huntingdon County - ideal vacation or hunting. Close to state forests. Septic tank and electricity on site - $5,500.00. Phone 215-255-4630.

INVESTMENT PROPERTY
A Christmas Tree Farm with marketable trees. Reported a real money maker.
STROUT REALTY INC.
Mary H. Messinger
Harrisonville, Pa. 17228
PH: 717-485-3763

NOTICE - Farmer wishes to buy or rent good crop land in Southern York County. Respond to P.O. Box 266F, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

For Rent:
Dairy farm on share basis, spring of '77, in Quarryville area. Send response to P.O. Box 266L, c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

For Sale. 140 acres mountain land - good hunting (deer, bear & turkey) joined by acres of state forest land - $400 per acre. Ph: 717-444-3682

NEAR NORMAN WOOD BRIDGE, in York Co - Farmette with remodled 4 bedroom farm house w-alum. siding. Bank barn and several other buildings. Springs, stream, good pond site. Ideal for horses. BAUGHMAN-LEADER, INC. 741-3805 or 862-3869 (559).

FOR SALE — 81 acre steer feeding farm, Brecknock Township, Berks County. Large 10-room stone home with 2 full baths plus 2 powder rooms. Wall to wall carpeting throughout house. Newly remodeled 3-room guest house w-fireplace. Large bank barn 40'x100', feed lot macadamed and fenced. A-frame office building 24'x30'. 72 acres of cropland, 9 acres of pasture with stream and pond. For more information call - 717-393-3921 - Lancaster Production Credit Association, 411 West Roseville Road, Lancaster, Pa 17604

Real Estate

Dairy Farm Wanted - Young Christian couple with some financial sources desires to rent or purchase on contract 40-50 cow dairy farm. Presently managing upstate New York dairy farm having 17,480 pound herd average. Send response to P.O. Box 266 G c-o Lancaster Farming Newspaper, Lititz, Pa. 17543

FARM FOR SALE
105 acre farm in Adams County. Bank barn 72x74 plus 40x50 addition, 20x60 silo, plus bunk, 6 stall milking stable, plus milk house and tank.
Brick house, 9 rooms plus bath, never failing spring and stream in pasture.
By owner.
Phone 717-528-4849

293 acres near Chambersburg with 280 tillable of excellent land. Has 2 sets of buildings, with 31,000 bu. grain storage and dryer. Fixed for dairy or beef. $475,000. Financing available.
VAN CLEVE REAL ESTATE
PH: 717-624-8201
Anytime.

JEFFERSON COUNTY DAIRY
424 acres-300 tillable. Nice home with new heat and roof. Barns, silos, bulk tank and dumping station. Large amount of road and river frontage. Stocked and equipped for $160,000.00
FARM SPECIALIST REALTY
1116 Arsenal Street
Watertown,
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315-782-2270

AMISH
We have listed a good home at Nine Points that may suit an Amish family. Four bedrooms, good sized kitchen with adjoining living room, bath, full basement, Amish neighbor. Paved driveway with garage. Room for a garden. Price - $34,000
MULTIPLE BROKERS
593 North Franklin St.
Lancaster, Pa. 17604
717-393-9751

FOR SALE
Choice S.E. Minnesota Farms our Speciality, 80 to 500 Acres. Members of Minnesota Listing Exchange.
For information contact
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REALTY, INC.
Kasson,
Minnesota 55944
Tele (507) 634-4651

Real Estate

FOR SALE
62 acre farm with silo, stable cleaner, hog pen, heated garage, Grade A milk market, bulk tank, 9-room house with bath new furnace.
Everything recently painted and in very good condition. Reasonably priced. Situated along Route 641 on Newburg Road.
Phone: 717-423-5585
for more information

FRANKLIN CO. PA
166 acre limestone farm, 100 tillable, nice stream through pasture. Large barn, remodeled stone home, spring house and other outbuildings. All buildings good condition.
150 acre dairy farm w-milking parlor, 134 free stalls, 4 silos, 2 homes. Call immediately for more particulars.
107 acre limestone farm, land lays nice, borders stream. Bank barn, 20 ft. x 100 ft. hog buildings, stone home.
KOONS REAL ESTATE
Box 153
Shady Grove, PA 17256
Ph: 717-597-8300

SENECA COUNTY NEW YORK
178 Acres-Excellent Home, barn-good crop land-$80,000-29 per cent down.
180 acres-Older home-30X60 barn good stock farm $80,000.-financing.
218 acres-Good barns, 30 stanchions, Silo, new pole barn-Excellent home and land 29 per cent down-$122,000.
200 acres-40 stanchions, drive thru barn, Silo, Brick home-Financing.
489 acres-no buildings $500. per acre-(3) parcels.
220 acres-Good Buildings-best soil around.
94 acres-Barn, Beautiful large Home and Mobile Home-$75,000.
We have many farm listings:
Alfred J. Farney, Salesman
Lifetime Farming Experience
"We Move Land"
WJW REAL ESTATE
Seneca Falls, New York
315-568-5910
315-568-5502

WUNDERFUL GOOT FARMETTE . . .
Mit sooper facilities fer hock undt steer opperashun. Almoast neua builtings, expantable - Manny warried possibilities. Goot strong sanstoan hamit. Locaytet en Norse Lankeshter Cauntey. Phone naugh fer un appointment der Chessy or Rayea will show youa.

LOOKING FOR NICE 4-5 ACRES. . .
Farm with barn, tobacco barn, hog stable and a nice home that isn't modernized. You can also buy an additional 32 acres near Bowmansville. Ask for Jesse or Dana.

YOU ASKED FOR A REASONABLE PRICED DAIRY FARM . . .
We have one, with 80 tillable acres. 20-30 pasture, good stream. Free stalls and milking facilities to handle 80 cows. Nice home with 4 BR. Call Jesse for an appointment.

ERA MEMBER BROKER
LIST YOUR FARM WITH US!
We have a professional farm agent and with ERA we now have national exposure.
SLAUGH AND ASSOCIATES
Realtors/Insurors 733-6556
Associate Jesse D. Ziegler (717) 838-1257
Associate Dana K. Brosemer (717) 859-2775

Real Estate

50 Acre Farm
Gettysburg Address
Gently rolling, mostly tillable land. Small woods. Stream. Old brick, convenienced home, bank barn, tile silo. Private setting. Yours for $85000.
STROUT REALTY, INC.
250 Baltimore St.,
Gettysburg, Pa.
Phone (717) 334-1915

Real Estate

Real Estate

CHESTER COUNTY

18 acres with colonial stone farmhouse and large barn with calf feeding operation. Use of six adjoining acres if wanted.

200 year old stone and frame farmhouse beautifully restored and preserved. 30 ft. living room with fireplace, eat-in kitchen, five bedrooms, 2-½ baths and large barn on 12 acres. 33 acres joining available.

I. DONALD HOSTETTER
Realtor

Gap, Pa.
Robert Coates
717-442-4114

Cochranville
Don Hostetter
215-593-5113

FOR SALE

COUNTRY SALE & HOUSE: Located in a small village in the Ephrata School District, this property includes a 3 bedroom home and country store (completely remodeled) and is just waiting for an ambitious person like you! Potential is unlimited. Call for full details.

1.9 ACRE FARMETTE: Reinholds area, beautiful 2½ story farm type house, completely remodeled from top to bottom, with a 2 story barn to match. Features a fenced-in meadow with stream. Everything is absolutely immaculate. $52,500. Call for an appointment.

Olde Heritage inc.
REALTORS

142 EAST MAIN STREET,
NEW HOLLAND,
PA 17557

717-354-4071

Real Estate

TEXAS PANHANDLE - THE NEW FARMING FRONTIER. Dalhart, Texas. Long growing season, mild winters, fertile soil. Buy for around $750 per acre. Taxes around 50 cents-per-acre. Grow record-class corn yields and graze livestock on wheat in winter. Call collect for free brochure and listings. Mike Justice & Associates, Land Agents, (806) 249-5613, (806) 249-4000

MINNESOTA FARM NEAR IOWA BORDER - 290 ACRES

Set up for dairy or beef stock plus hogs - newer ranch style home, large dairy barn, farrowing house, cattle sheds, two silos with unloaders and automatic feed bunks on concrete lots. 171 acres tillable, highly fertile soil, produces high yields of corn, beans and tons of alfalfa.

Contract terms and early possession.

Call for appointment now.
Kenneth E. Hart
Ph: 319-277-2396
MASON REALTY, INC.
Ph: 319-234-4127
629 West Fifth Street
Waterloo, Iowa

S. E. MINNESOTA FARMS

228 A. Stock and grain farm. Very good bldgs.

330 A. Grain farm with rambler home.

638 A. Grain farm. Very good soil.

320 A. Grade A Dairy farm. Nearly all tillable.

750 A. Stock and grain farm.

240 A. Hog farm, 39 farrowing crates with liquid manure pit. This farm has very good bldgs.

FARMERS REALTY
R. R. 2
BYRON. MINN. 55920
507-288-8652
BRYCE DE COOK
507-533-8393

Real Estate

BEAUTIFUL 30 ACRE building site part wooded, part tillable with 2 streams. Located near Norman Wood Bridge in Southern York County. BAUGHMAN-LEADER, INC. 741-3805 or 428-2557 (449).

LANCASTER COUNTY
56 Acres with nice barn & modern house. Ideal location, right off the By-Pass

LEBANON COUNTY
49 Acres, no buildings.
30 Acre general with barn, brick mill, carriage house, frame house with hot water heat, plus large brick 5 apartment building.

BERKS COUNTY
130 Acres tillable, Dairy, plus woods and meadow. 30 stanchions, 2 silos, 1 Harvestore silo, large house. $199,500.
30 Acres with house & medium size barn, road frontage & creek frontage. $65,000.

MONTGOMERY COUNTY
50 Acre dairy with large house.

CENTRE CO.
450 Acres woodland, access by Township road. $300 per acre.
150 acres woodland, access by Township road, $300 per acre.

COLUMBIA CO.
70 Acre general farm. Township road frontage all four sides. Priced to sell.

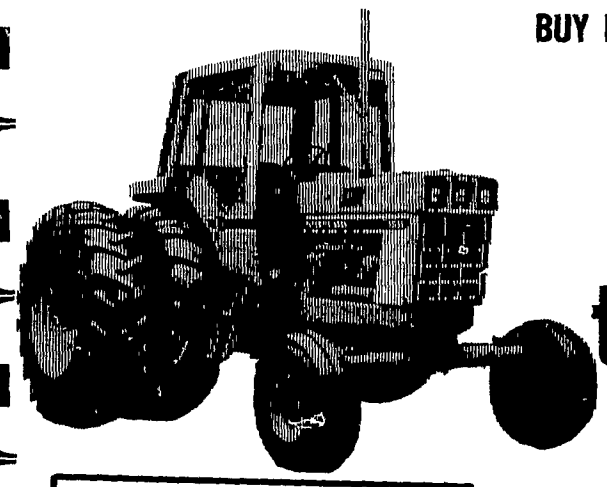
PERRY CO.
Four farms - 500 acres tillable. Owner financing.

CLINTON CO.
NITTANY VALLEY
142 Acre general farm, $125,700. Owner financing.
193 Acre dairy farm, owner financing.
Commercial Possibilities-80 Acre General Farm with 4 bedroom house.
Commercial land, total of 29 acres, can be divided.

CHRISTIAN M. MOSEMANN, REALTOR
Akron, Pa.
717-859-1004 or 733-1224

COMING . . .THE NEW HOLLAND TWIN-ROTOR TR-70

BUY NOW AND HAVE WAIVER OF FINANCE AND GET A CHECK FOR $700



INTERNATIONAL series 86 tractors
the pro-ag line

FREE FINANCE . . .

Tractors	March 1, 1977
Hay Equip	June 1, 1977
Combines	July 1, 1977
Fall Forage	Sept. 1, 1977

1-574 TRACTOR WITH DUNHAM LOADER

Start 1977 with a check from SPERRY NEW HOLLAND:
your winter buyer's dividend!

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COMING . . .
SPECIAL SALES DAYS
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MON. AND TUES., DEC. 13 AND 14
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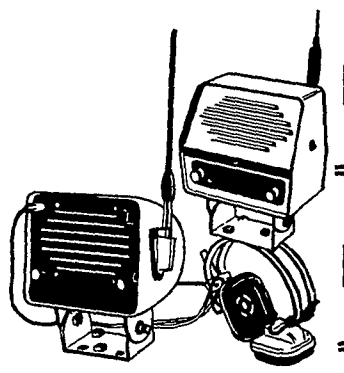
Check with us before you buy



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AM—FM
Reg $120 00
NOW $108.50

USED EQUIPMENT

Farmall 400 Fast Hitch
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Glencoe SSP7 - 9 ft Soil Saver
NH 276 Baler w/thrower
NH 273 - Baler w-thrower
NH 68 - Baler
N.H. 320 Baler
Gehl Haybine
Fox BHB Hopper Blower
IH 10 Grain Drill
IH 50 Harvester - 2 row head
NH 717 Harvester - 2 row head
NH 479 - Haybine
IH 370 Disk - 12 ft.
IH 540 Plow 4 Bottom, 16"
IH 9A Disk
2-1 Row Corn Pickers

MESSICK
FARM EQUIPMENT INC.
2750 N. MARKET STREET PHONE 367-1319; ELIZABETHTOWN, PA
JOHN KREIDER HOME 367-6039 WARREN SPICKLER HOME 653-4560

YORK COUNTY FARMS WITH A FUTURE

GENTLEMAN'S FARM — Attractive farmhouse — 6 rooms with bath, tucked in a beautiful setting between Tracy School Road and Chimney Rock Road in Hellam Twp. — over 14 acres, 2 barns, summer kitchen and other out-buildings. 60 acres tillable land also available.

DAIRY FARM — DOVER TWP. — CARLISLE ROAD — Remodeled 5 bedroom farm house with attached summer house, over 94 acres, 1540 ft. road frontage, good investment approval. Barn and out-buildings are all in excellent condition.

CLEMENT FARM & VINEYARD — 9 room house w/2 baths — completely remodeled, tastefully combining the contemporary with the charm of an old farmhouse, 142 acres including, 40 acres of French hybrid grape plantings, 62 acres of crop and wooded land, 40 acres of pasture and bank barn — Lower Chanceford Twp. — 25 miles from York.

MULTIPLE LISTING

Clair Eisenhart
REAL ESTATE
2070 SPRINGWOOD RD 848-3820

Real Estate | Real Estate

CENTRAL OSWEGO COUNTY, N.Y.
Outstanding long established Massey-Ferguson Agricultural and Industrial Dealership, with present owners 22 years. Several good short lines. All new buildings. Modernized house situated on 13 acres of land. Owner says sell $450,000. Price includes parts at dealer's cost, 5 trucks, special tools and air compressor. Up to 100 additional acres land available. Will consider desirable property as trade-in. Exclusive.

CAPTIVATING OSWEGO CO., N.Y.
Where it is all happening. 380 acre prime development tract 4 miles East of Oswego, N.Y. Super abundance of Gravel and water. Plus Black walnut grove. Frontage on 3 good roads. $700 per acre takes all - Exclusive.

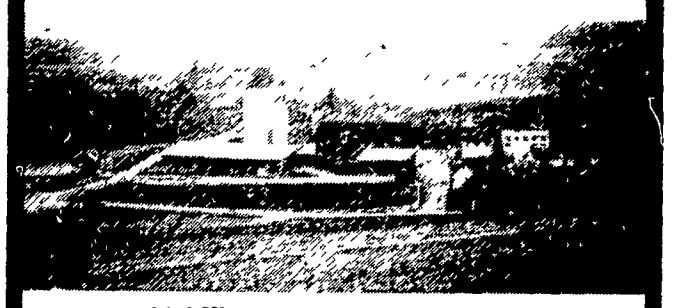
WATER FRONT GEM - OSWEGO CO., N.Y.
Town of New Haven - 17 acre beautifully wooded lake front tract, 1200 feet shore line - Pleasant Point on Lake Ontario - 10 miles North of Oswego, N.Y. This rare find going at a very pleasing price - Exclusive.

BEAUTIFUL - OSWEGO CO., N.Y. - TOWN OF VOLNEY
Picture Post card farm. 200 acres 180 tillable, attractive buildings. Also 100 acre farm adjoining with good buildings. Both due for development. Grand investment for farmer, developer or business man. Exclusive.

DONEY REALTY
Dexter, N.Y. 13634
Phone 315-639-6359
For Appointment Only:
Arnold F. Cronk, Slsm.
Watertown, N.Y. 13601
Phone 315-788-0605

250 ACRE DAIRY FARM

A real nice 40 tie stall dairy farm with 130-160 acres tillable, 14' x 40' cement stave crane silo, 40 acres bottom land, creek through land, on a good hardtop road and close to town. A real money maker for a good farmer Price-$135,000 and terms with 29 per cent down at 8 per cent interest for 20 years! No. M-1453



LYCOMING COUNTY'S BEST

M-1334 A farmers dream come true. 194 acre dairy farm with over 120 tillable Soil is excellent corn & alfalfa ground and mostly Leckkill Silt loams Over 200 additional acres available for lease next year. Frontage (1½ mile) on 3 good roads Beautiful buildings. 150 head capacity 78 x 136 addition houses, 114 head in comfort stalls. Completely automated Klingway feeder system, 4 silos, 30 lever stall milking area with pipeline Heifer & chicken sheds. Butcher shop. Fresh cow barn. New Pond 2 beautifully remodeled houses. Owner's home has fireplace & modern kitchen. Much, much more Asking $250,000 Don't let the price fool you! Call up This farm will pay for itself Owner, now operating 900 acre farm in Indiana, says sell Wants to liquidate immediately Owner & Production Credit financing available. Call us See it Talk it over. Then decide Spring or fall closing at buyer's convenience. Write or Call for free lists Many more farms available
CALL OR WRITE FOR OUR FREE LISTS!!!

THE Real Estaters OF

RD 1, BOX 41
MANSFIELD, PA. 16933
PHONE: 717-662-2138

Real Estate | Real Estate

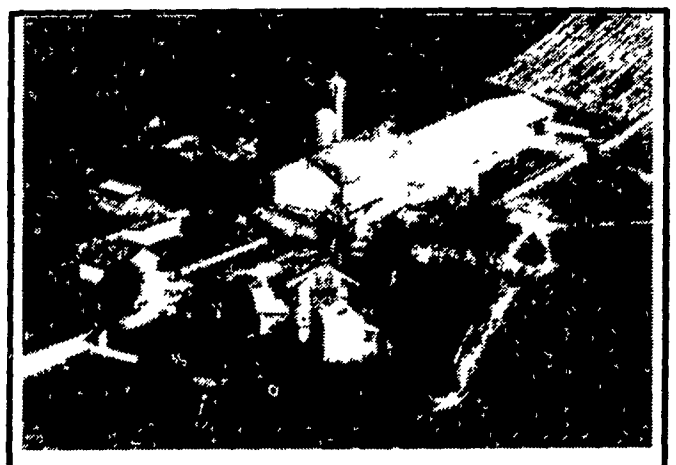
Sunbury - 123 Acres Beef & Hog Farm. Hog feeder barn for 250 hogs w-bins, silos 14x40, grain dryer, (2) 3,500 capacity bins, 40 stanchions, loafing barn, real nice 12 room house, farm pond, only $135,000.
80 Acre General with Mobile Home Park. Montour Co.
152 Acre General $139,000. Clinton Co.
Nittany Valley - 146 Acre General Farm, Limestone and Hagerstown soil $135,000. Open for offers. Clinton Co.
Penns Valley - Centre Hall 158 Acre Dairy Farm, 20x60 silo, limestone soil, Centre Co.
73 Acres, Mountain stream, trout pond $78,000. Clinton Co.
56 Acre General $60,000. Northumberland Co.
80 Acres, no buildings, $80,000. Columbia Co.

CALL
WITWER REAL ESTATE
Ephrata, Pa. 717-733-4138

Gettysburg. Circa, 1870, 11 room brick farm house, 2 car garage. Other buildings and thousand bushel corn crib. 95 tillable acres. One mile of hard road frontage. Ideally situated for future development. Home in very good condition. Asking $161,000.

Gettysburg. 52 acres mostly wooded with a secluded, remodeled 7 room home. Features 2 baths, baseboard hot water heating, fireplace. Barn and large 2 car garage. Less than 3 mile from town. A real Family Opportunity and only $79,900.

ED SAXE REAL ESTATE, INC.
29 West Middle Street
Gettysburg, Pa. 17325
717-334-9291



PICTURE BOOK DAIRY OPERATION
174 foot Dairy barn, 40'x104' milking barn with 44 comfort stalls with barn cleaner, rubber mats and pipeline milker. A 30x70 loose housing barn, a beautifully modernized brick farm home on 60 acres of excellent Lebanon County limestone soil. (Additional land available for rent) Excellent facilities for your good cattle, priced at $185,000.

SOMERSET COUNTY
50 x 216 Dairy barn, 40 comfort stalls, pipeline milker, 50x116 loose housing area, 2 silos, 20x60 and 16x45. Two large machine sheds, suitable for a farm equipment business - 40x72 and 50x125. A very nice 7 room & bath farm home. A second set of very good buildings included. 128 acres and beautiful facilities. $225,000.

236 acres with large barn, 33 Dairy stalls, 30x30 loose housing, pipeline, barn cleaner and a very good 6 room & bath home at $130,000.

Beef operation, 162 foot loose housing barn, 2 silos with unloaders, conveyors and 100 ft bunk feeder, 4 bedroom frame home. 155 acres at $120,000.

205 acres, 45x90 loose housing barn, 8 room & bath home. Many thousands of feet of frontage at $150,000.

192 acres with lake frontage & 2 sets of buildings, 94x44 and 54x40 barns, a very nice, large frame home with 10 rooms & 2½ baths Beautiful setting at $140,000.

Snyder County, 104 acres, 38 free stall barn, 2 Harvestore silos 20x60 & 20x50. 13 room frame house, priced at $250,000.

Columbia County - 362 acres with 210 ft. barn for dairy or beef, 40x90 hay barn. Additional 40x80 loose housing & 24x80 machine shed. Excellent buy at $295,000.

KINGSWAY REALTY
REALTORS
149 E. King Street, Lancaster
Phone 299-0791
REALTOR

ROBERT E. PLANK
Realtor
717-393-1384

NITTANY VALLEY
NEW LISTING

Approx. 160 acre dairy farm, located 2 miles East of Rote, next to Amish with road dividing property, ideal for 2 farms, 40x80 bank barn with 34 stanchions, loafing shed, will make nice horse barn, 4 silos (2 - 16x50 2 - 12x38), milk house, 2 corn bins, 1 corn shed, 2 implement sheds, 1 small horse shed, large house with modern eat-in kitchen, modern 1½ baths, stream runs across property. Price $1500. per acre.

Call
ELMER ROHRER
717—687-8365

C. P. McGARVEY

Real Estate Broker
LOYSVILLE, PA. 17047
PHONE 789-3974

New Listing: right beside Loysville, Perry County, 310 acre farm 285 tillable balance wood land, springs, stream, 2 wells, barn 8 stanchions, double corn crib, 3 car garage, milk house, wagon shed, no house, 1 field is a mile long, 200' road frontage along Rte. 274. Potentials: 3 farms, a large housing development, or a shopping center in one of the fastest growing counties in Pa. Largest tract of land available in Perry County for a long time - asking $210,000.

Look! 25 acres of beautiful Mt. ground on Wagners Gap Mt. in Polecat Valley. Spring stream and some timber really nice. $22,500.

Near Dellville known as the Loop 2 acres of wood land near Shermans Creek Road frontage and corner plot. Asking $3,750.

Juniata County Farm near Seven Stars + has 78 acres more or less stream woodland nice barn and wagon-shed and a beautiful 2 story remodeled farm house with all modern conveniences all kinds of macadam road frontage. $81,500.

Snyder County 2 story 2 bedroom remodeled home with river frontage along old 11 & 15. ¾ acre and low taxes ideal for retirement. $21,500.

Huntingdon County nice 3 story log house with bath and a half. All three stories finished creek frontage extra large stone fireplace nice yard most furniture stays. In Blairs Mills. $21,500.

50 acres on both sides of Shade Mt. 2 springs some timber road across top of Mt. back of Walnut near the power line. Only $18,200.

10 9 acres near Duncannon with 1 story house with four bedrooms large living room and kitchen with built in cupboards oil fired hot air furnace back of land borders stream. Some clear-some woodland. $29,900.

4.27 acres along Rte. 235 near Oriental Juniata County ideal for building. Asking $8,595.

Three ten acre plots near Shermansdale on Bower Rd. in Pisgah with road frontage, wooded, easy access ideal for building your dreamhome. Can be bought in 10.3 acres or bulk consisting of 31 acres. Ranging from $12,000 to $20,000 per ten acre lot.

Hunters and summer home vacationers 20x40 building 2 bedrooms, bath with shower, large living room and nice kitchen with gas stove and refrigerator and built in cupboards nice old kitchen stove stays-well, phone, set back, in Perry County Mountains near New Germantown. Alum. siding well insulated, $16,500.

50 acre farm all clear with nice stream barn wagon shed or 3 car garage, house burned down so build your own house possible 14 acres available at additional price. Will negotiate. $67,500 for 50 acres with buildings.

8½ acre farmette with creek, barn 1 car garage, 2 story, 3 bedroom frame house, new well 20 gal. per mi. in Buks Valley ½ mile off 11 & 15 at Montgomery Ferry. Asking $35,000. Same owner has trailer on 6 acre with well and septic system. Nice run in back. Furniture stays $8,000.

If you want to buy or sell,
Call: C.P. McGarvey-Broker 717-789-3974.
Clair Benner Sales Representative 717-444-2162
"Praise The Lord"

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SOUTH CENTRAL PENNSYLVANIA FARMS

ADAMS COUNTY

GENERAL (York Springs)
212 acres of elegance, large center hall, open staircase, brick house, 50x110 bank laminated rafter barn and other out buildings with a good stream and 3 acre farm pond.

CUMBERLAND COUNTY

GENERAL (Newville)
140 Acre Limestone, gently rolling, highly productive with good set of solid buildings. 50x80 bank barn, 12x45 concrete stave silo, plus a 3 bedroom brick & frame house.

NO BARN (Carlisle)
135 Acres limestone with modern 4 bedroom frame house, excellent soil, priced to sell. Build to the specifications of your own livestock enterprise.

DAIRY (Mechanicsburg)
122 Acres Limestone, 30 tie stalls, 10 x 45 silo, solid charming brick house with 4 fireplaces, other out buildings, plus 1800 ft. of frontage on Yellow Breeches Creek.

ACREAGE WITH BARN (Carlisle)
40 acres solid bank barn with silo. No house.

HORSE FARM (Carlisle)
31 acres, modern 4 bedroom frame and aluminum siding house, solid small bank barn, stream flowing through farm.

FARMETTE (Newville)
14.5 acres, 11 room solid log and frame house with oil FHA furnace, small bank barn and other out buildings. Features (2) spring fed ponds.

YORK COUNTY

GENERAL (Dillsburg)
102 acres, solid frame house, livable, brick bank barn, double corn crib wagon shed and other out buildings.

Other Real Estate-Land, Commercial, Industrial, Residential.

If you are thinking about selling your farm, give us a call for a "No Obligation Appraisal".

John B. Niesley, Farm Representative
Home Phone 717-243-7575

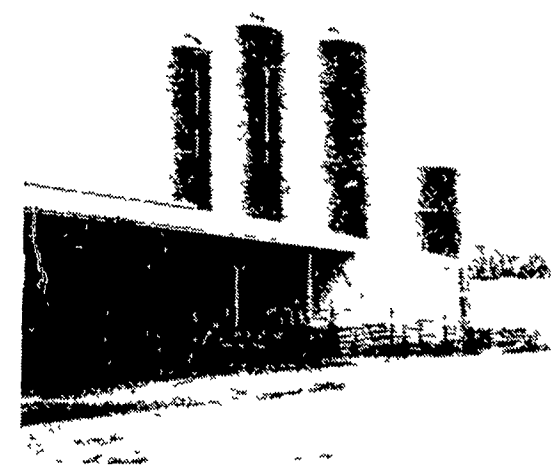
GEORGE L. EBENER, REALTOR
Carlisle, PA
Phone 717-243-6195

MERCER COUNTY

850 Acre General farming, livestock, grain, fruit & produce. 512 tillable acres. Large level fields, 6 houses, 5 barns & other buildings. Spring water 13 Acre Lake, close to road by well drained 100 Acre wood area. 3 small ponds spring fed 7 mi East of Greenville Airport, 20 mi N of Mercer Price $750 an acre.

PH: 412-253-4181

E. A. RHOADS
R3 Greenville, PA 16125



66 Acres, completely automated Harvestore feedlot for 500 head, from feed meters to liquid manure. Includes (2) 20 x 80, (1) 20 x 70, (1) 20 x 35 Silo's. Located South of Reading. Call Carl Johnson R.E S. 215-367-6160 (Pictured Above)

180 Acre Dairy & Beef Farm, 2 Silo's and (1) 20 x 30 Harvestore, 30 stanchions, 5 Bedroom frame home, located in Western Berks Co Call Carl Johnson R.E S., 215-367-6160

80 Acre Steer Farm, 60 Acres Tillable, meadow with stream, 7 room frame home, stone and frame barn with silo, tobacco shed. Located Southwest of Reading. Call Elton Horning, 215-286-5183.

101 Acre Farm, 75 acres tillable, limestone soil, 31 stanchions, 43 stalls, 20 x 60 silo, bunk feeder, 700 gal. Esco milk tank, pipeline milker, 5 Bedroom Stone House. Parkesburg Area. Call Elton Horning 215-286-5183.

HORNING FARM AGENCY, INC.
Main St., Morgantown, Pa. 19543
215-286-5183

SPERRY NEW HOLLAND | ALLIS-CHALMERS

WAIVER OF FINANCE ON ALL HAY EQUIPMENT TILL JUNE 1, 1977 AND FORAGE EQUIPMENT TILL SEPT. 1, 1977

CALL US ABOUT NEW HOLLAND WINTER BUYERS DIVIDEND PROGRAM

GET YOUR MACHINES READY FOR NEXT SEASON

Have your machinery brought to our shop for repairs and tune-up. Any machinery booked between now and our Open House for a winter tune-up will be trucked to and from the Shop free of Charge.

This offer includes Lawn and Garden Equipment.

DECEMBER SPECIALS ON USED EQUIPMENT
---WAIVER OF FINANCE ON MOST---

Farmall M diesel tractor
WD 45 tractor
Allis Chalmers C tractor
NH 676 tandem spreader
NH 475 spreader
145 bu hawk bilt spreader
Load King forage box
(2) Grove forage boxes
Gehl flatbed wagon
NH 717 Harvester
AC model 480 forage blower
268 NH baler w/thrower
276 NH baler w/thrower
#10 MF baler w/thrower
#3 MF baler w/thrower
68 NH baler
IH 440 baler w/thrower
(2) IH 47 balers w/throwers
IH 37 baler w/engine
AC 302 baler w/engine
479 NH haybine
469 NH haybine
5 bottom AC auto plow 18"
IH 5 bottom auto plow
(2) IH 450 3 bottom plows
IH 37 - 11' disk harrow
AC 9' disk harrow
KBA John Deere disk harrow
351 NH grinder mixer
Ford rake

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HOME 653-5020

AUTHORIZED SPERRY NEW HOLLAND PARTS and SERVICE

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350 Strasburg Pike | Phone 717-397-5179 | Lancaster, PA

PAUL M. Longacre FARMS AND COUNTRY PLACES

MONTGOMERY COUNTY
30 Acres Zoned Commercial Ground south of Bally on Route 100 $2 000 00 per acre

75 acres $3 500 00 per acre large amount of road frontage

Commercial property two greenhouses large lot 2½ story brick house **$110,000 00**

DOUGLASS TWP
For Sale because of death in family One of the most outstanding beautiful, clean well kept farms in area 41 acres Dairy Farm Large stone house with bath and large livingroom semi modern farm kitchen fireplace in den Large barn 2 12x45 Silos filled 30 comfort stalls with milk house bulk tank barn cleaner 3 car garage tremendous shed space Dry cow and heifer space partly concrete barn yard with good arm ground having approximately 2 000 ft of road frontage on macadam roads **$175,000 00**

20 acres Industrial ground for sale $6,000 per acre 6th Street in Red Hill

BERKS COUNTY
Commercial and residential 43 acres near Bally $2500 per acre

A gentleman s farm 64 acre steer farm zoned industrial set up for over 1000 head 5 steer barns lot fences feed center, 5 bay garage, exceptional new farmhouse with 8 rooms, 3 baths, fireplace swimming pool etc **$500,000 00**

2 Acres wooded lot Barts area **$10,000**

11 Acres wooded acreage Barto area **$15,000**

LEHIGH COUNTY
102 acre steer farm, barn, feed lot and silo Large stone house, center entrance ready to be renovated **$160,000 00**

SUSQUEHANNA COUNTY
Hunting ground 165 acres, approx 8 acre lake $550 00 per acre

150 acres hunting ground mostly wooded accessible by road through most of property $550 00 per acre

BRADFORD COUNTY
128 Acre dairy farm 96 tillable, bulk tank, barn cleaner, 50 stall barn and silo, 37 milk cows, 18 heifers, full line of machinery 6 room house and bath, attached garage all for $133 000

310 acres hunting ground 70 acres open farm ground $320 00 per acre.

148 acre dairy farm 54 stanchions, 2 silos, modern frame house, $130 000 00

105 acre dairy farm 72 tillable, 31 stanchions, 2 silos, 7 room house modern in excel condition **$120,000.00.**

110 acre dairy farm, 50 stanchion barn, 2 story shed, silos, machinery included Colonial type house, 9 rooms, 1½ baths, **$98,000.**

CLINTON COUNTY
Two adjoining farms available, 148 ac dairy farm 16 room house, 3½ baths, 3 car garage, frame barn, etc **$125,000.00**

113 acre steer farm 6 room frame house with 1½ baths, good creek, fenced areas **$100,000 00**

WESTMORELAND COUNTY
142 acre ready-to go fully equipped jug milk store with complete meat store operation Paper and jug milk processing 110 cows, full line of modern machinery, 3 houses, sheds and barn, Harvestoresilo Milk store on 7 acres next to development in town 135 acre dairy farm with sewer line to edge of property located with 6½ miles of new VW plant to start production within a year What a wonderful opportunity for good operator with sound business sense All for only **$650,000.**

LUZERNE COUNTY
141 acre General Farm 110 acres tillable, good frame house, 9 rooms & bath, some outbuildings need repair **$120,000.**

Very Good Dairy Farm, 224 acreage, large beautiful stone house, 2 fireplaces, 140 acres tillable, rest pasture & approx 20 acres wooded 60 comfort stalls bulk tank transfer station, large sheds heifer & dry cow - extra barn 2nd house - ranch, very good condition This is an outstanding beautifully located farm with gently rolling ground **$240,000**

SCHUYLKILL COUNTY
Thriving 18 hole golf course 90 acres zoned commercial Electric cart shed club house restaurant patio, a new 3 bedroom ranch house 2 car garage A farm house 9 rooms & bath (5 bedrooms) machinery & storage shed all for **$400,000.**

TIOGA COUNTY
800 acre Dairy Farm w a picture setting a very profitable operated farm owner retiring Absolutely beautiful rebuilt main house, very good second house plus good tenant house 1 concrete & 2 Harvestore silos on main farm w double 5 milking parlor & bulk tank, etc Free stall barn w-extra stalls in old barn Must be seen to be appreciated All this for **$350,000** Cattle & Equipment can be purchased by separate contract

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100
Hereford, PA 18056
Ph: 215-679-5919

TRY A CLASSIFIED

Real Estate

Real Estate

CENTRAL PA. FARMS

Centre County Nice laying 90 Acre Farm w/75 Acres tillable 3 acres woods & 12 acres pasture & site Soil is predominantly Hagerstown Silt Loam This farm features sound structures for dairy, beef & hog farming a butchering house implement sheds spring & stream & sound house which can be rented as 2 apartments Located ap proximately 12 miles from State College Priced fairly at $125 000 with terms

Huntingdon County Nice 277 acre Dairy farm with 240 acres tillable 33 acres pasture, & 4 acres woodland Featured is a 2 story frame house with aluminum siding 2 story frame barn with 50 stanchions milk house with bulk tank, & water heater large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings The majority of this farm lays quite nicely Located 20 miles from State College Priced at $275,000 with owner financing available

Blair County Nice 200 Acre Farm & Nursery business with a very good 2 story Colonial Stone house, 2 story frame barn, heated workshop garage, & greenhouse, containing 94 acres of tillable limestone soil 76 acres pasture & 30 acres woods A large amount of nursery stock & farm & nursery equipment are included in this sale This property also features secluded river frontage several caves & an excellent water supply Priced at $330,000

Montour County - Very productive 300 Acre grain farm, 285 Acres tillable Very nice laying Limestone soil Excellent house, 2 barns, complete grain drying facilities with dryer storage bin & grain leg, 2 good springs, small stream, good road frontage, low taxes Located near Limestoneville in excellent farming area A picturesque farm reasonably priced at $435 000 ($1450 per acre)

Huntingdon County - Good General, Beef, or Hog Farm 160 Acres, 100 Acre Tillable 30 Acres Pasture & 30 Woodland Large double house barn with liquid manure pit & cemented floor (fixed for finishing 200 hogs), 2 trench silos (cemented), excellent spring water pond & productive soil Only 40 minutes from Raystown Dam, the farm has good frontage & very low taxes Equipment available & it adjoins state game lands Priced at $128 000 Owner financing with only 20 percent down

Clinton County - 151 acre farm suitable for dairy or livestock operation 110 acres tillable, good 6 bedroom house, large bank barn good condition spring water $125 000 with terms

Lycoming County 460 A Dairy Farm Approximately 185 acres tillable Level bottom ground 30 A Pasture, 245 A woodland w gd timber Excellent 2 story house with aluminum siding, barn w-free stall barn attachment (90 free stalls) 20x60 Harvestore Silo w-provision for bunk feeder 2 streams & owner financing available Priced at $250,000 Available this fall or next spring Owner financing at 7 percent

CENTRAL PA. LAND, CABINS

Ideal for Weekend Relaxation
Many properties have terms available

Centre County

1 Acre - top of Centre Hall Mountain Well built cabin $10,000
3 38 Acres wooded lot in Corl Acres subdivision in Ferguson Twp. approximately 4 miles from State College - $20,000
189 Acres - wooded adjoining State ground - privacy could be split $72 765
10 29 Acres - wooded new barn nice location $44,000
68 Acres wooded, good hunting area $30,600
218 9 Acres wooded ground stream, good hunting Priced at $350 an acre
100 Acres wooded two springs, excellent cabin - excellent hunting
39 Acres wooded frontage on Penn's Creek $17 000
100 Acres pond orchard and woodland excellent hunting and fishing - $75 000
35 Acres two acres clear - balance wooded some nursery stock $21 000
50 acres at $250 an acre 50 acres at $330 an acre (with year round spring) light timber good bird hunting electricity available

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Real Estate

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133 acre farm - 95 acres tillable, very fertile; 5 bedroom house, barns, silo, equipment shed, Oak forest, 2 ponds - $1800 per acre firm. 5 miles from Norman Wood Bridge (York County).
Call Lancaster 717-394-6334 for inspection

224 A. 60 tie stalls, 16 box stalls, 3 silos, 2 nice homes - reduced.

13 A horse farm, nice home, secluded, Lancaster County - $50,000.

221 A general farm, good buildings.

325 A modern dairy, 3 silos, 74 stalls - will finance.

157 A 112 stalls, excellent buildings, dairy store and bakery.

275 A. modern dairy, excellent buildings showplace - owner financing.

1-½ A 9 stall horse barn, nice home, Lancaster County

130 A general, 2 sets of good buildings.

BLUE BALL REALTY
BLUE BALL, PA 17506
717-354-4536

Mail Box Market

Wanted - Eskimo male puppy. Aaron Hertzler, Rt. 1 Box 27A, Charlotte Hall, MD 20622.

For Sale - Papec Model 180 forage harvester with electric controls, hay pickup, and two-row corn head, used 50 acres; also 12 ft. Dunham Transport disc. Ph: 717-962-2592.

For Sale - Baer's Almanacs 1928-47, others 1876, 1878, 1890. Young People's Weekly 1905-1916, other old publications. David Knisely, R. D. 1, Felton, Pa. 17322

For Sale - Registered Holstein bull sired by Ivanhoe Star, 4 months old. PH: 717-687-7845.

Wanted - wood planer - any size. PH: 717-569-2262.

For Sale - Pomeranians - beautiful 8 weeks old, AKC, black and blonde. Home raised and healthy. PH: 215-395-4422. If no answer phone 215-395-6520.

For Sale - Second & Third cutting alfalfa. PH: 717-872-5554.

For Sale - GE dryer, used six weeks. Child's jump horse. 3 rugs, and wringer washer. Phone 717-665-6380.

For Sale - McCormick 33A loader with hydraulic bucket and snow plow-$300. Phone 215-375-3980

Dairy farm, Southern Lancaster County - pipeline milker with 48 stalls - for rent on share basis. Phone 717-548-3401

For Sale - Herd of holsteins on DHIA test, 15,000 lbs. milk; also 30 bred heifers Ph 301-578-1224

Mail Box Market

For Sale - 2 buggy horses with snap & style. Also a large size kerosene stove with thermostat & fan. $30. 717-656-9548

For Sale - 1 pair new Good year Tractor tires 18.4x30, 6 ply $350. 1 pair new Goodyear power torque, 18.4x38, 8 ply $800. Call 717-532-7811

For Sale - 51'Cardinal Transport grain augar, good condition. Parkesburg 215-857-3460

For Sale - 8 Track Marble rollers, 5 colors. Wooden Bi-Centennial bells. Norman Kready, R2 Manheim, Pa. 717-665-3719

For Sale - 500 gal. Wilson bulk tank-direct expansion-good condition-priced to sell. Call after 5 P.M. 717-768-8555

For Sale - Round Hay rack & silage feeders $150 delivered within 25 miles. Amos S. Stoltzfus Box 515, Bird-in-Hand, Pa. Beechdale Rd.

For Sale - Bulldozer to fit A-C Model HD-5 crawler, complete unit with pump, rams, lines and brackets. Call evenings 201-780-0871.

For Sale - 435 gal. Girton milk tank with belt driven compressor. 300 gal. DeLaval milk tank. Call 717-949-3134 after 6 P.M.

Wanted to Buy - Hay, fair quality without rain. PH: 717-345-4109

For Sale - 3 - 350 lb. butcher hogs, also 3 point Massey Ferguson wheel rake like new $500. Aaron S. Nolt. R3 New Holland, Pa. ¼ mile southwest of New Holland

For Sale - 7½ h.p. single phase 1725 RPM GE motor, new brushes and bearings. 717-548-2509

Wanted - 1971 Polaris Mustang Snowmobile, for parts frame must be good, no motor needed. or 1971 Sears 20" track. Elmer L. Keilman 717-467-3465

For Sale - Feeder Pigs. Ready to go. PH: 717-437-2866

For Sale - 16' Cattle body with roof, side gate, rear lay down gate and lift out gate, wheel pockets for truck with 120" cab to axle, good shape. PH: 215-298-2334

Wanted - Roller mill for rolling corn out of silo. Abner G. Brandt, R3 Box 376 Manheim, Pa. 17545 Phone 717-665-3294

For Sale - Cornell Barn cleaner, 400 gallon Zero milk tank and milking equipment. Phone 717-927-6580

Wanted - PTO shaft for D4 Caterpillar. PH: 814-793-2464

For Sale - Two cans of lard. 717-252-2455, Merle Smeltzer, R12, York, Pa. 17406

For Sale - 200 bales mixed hay, $55 per ton - heathauser $15 - Wood scalding trough. Best offer. 717-684-5352

Position Wanted - 18 year old married man seeking farm job with house furnished. Plenty of experience. Call Harvey 301-556-6124

For Sale - Mongram Wood Stove, like new $160.00. Hydraulic floor jack $50.00. John Hoover, R2 Stevens, Pa 17578. Ph 215-267-3673

Wanted - Massey Harris six cylinder S-P corn picker for parts or running. For Sale - Hay - Alfalfa, orchard grass; timothy; clover. PH: 717-345-4488

For Sale - Bagged peanut hulls. 301-452-5122

Mail Box Market

Perfect Christmas Gift. Small pony gelding, 11.2 hands, 8 yrs. Excellent with children. Hunted & shown. Lovable pet - no problems. 215-593-6030

Wanted - One or two tons of ear corn. Please call 717-933-4318

For Sale - 1975 AC 200, mint condition, many extras. Must sell due to loss of ground. 215-297-5926

For Sale - 6 Aluminum storm windows 27½ x 66 $5.00 each. 1 Aluminum Storm door 31 x 79½ $10.00. Call 717-665-3786

For Sale - Two broke coon hounds, walker female, Bluetick male. PH: 717-275-2539 after 9:00 P.M.

For Sale - Tractor tires 18-18, 16-28, 12-26, 10-24, JD trailer plow 1-16", steel. D-2 Sauder Loader. 505 Horn loader with pump. Wild Cherry logs. PH: 1-733-8708

For Sale - Fresh heifer, registered. Milking over 50 lbs. per day 3.6 per cent test. Nice, but won't win any shows. Price $550.00. Phone 717-789-3701

For Sale - Snow Blade - Snow Blade $80 and front end loader $400 for John Deere 110 Garden Tractor, very good condition. PH: 215-693-6085

For Sale - Polled - bred Dorset ewes. Also young ram lambs. Polled Hereford Bull - Proven sire from registerd stock. 215-384-5067

Wanted - Quaker made hanging chicken feeders. Apply to Levi Miller, R1, Paradise, Pa.

For Sale - 10 acres of land with stream near Richfield, Pa.; Juniata Co. backed by woods and fronting on two black-top roads. $12,900. Call 694-3293

Wanted - 1500 to 2000 gal. tank to haul spray water. For Sale - 16' JD wheel harrow. Call 717-473-9412

For Sale - Near new 25,000 BTU Gas room heater $50.00. Amos L. Ebersol, R2 Narvon, Pa. 17555 Red Hill Road

Clipper blades sharpened. For Sale - corn meal. David B. Stoltzfus, R1 Christiana, Pa. near Nickel Mine

For Sale - Farmall Super MTA with live PTO & torque. Excellent condition. 7' hydraulic snow plow. PH: 215-562-4464

For Sale - 1 Upright Freezer 11 cu. ft. in good condition $100. Call 717-626-5281 or 626-6198

Fro Sale - Snow Mobile with New engine $300. or trade for anything of equal value. Preferance, a backup electric generator system. 717-285-4639

For Sale - Jamesway Gutter Cleaner. Unit Good condition. Paddles and chain fair. Phone 717-637-8262

For Sale - Purebred Collie puppies, no papers, female $35, male $40. Near Fawn Grove 301-836-1578

Fopr Sale - 2 White face-Angus cows and one Angus cow. Due to freshen in March. $225. per head. 215-689-5037

For Sale - Peerless Roller Mill on '72 Chevy, electronic scales, 2 ton mixer, does ear corn. Take over business or start your own. PH: 717-528-4849

Stud Service for AKC Saint Bernard, nice markings $25 fee. PH: 215-445-4090

Mail Box Market

For Sale - 175 acres, 2 barns - cleaner, mow elevator, 4 door garage, oversized one bay garage. Modern House 4 br. & bath. P.A. Heat. 70 Foot Equipment Shed, silo 315-287-1848

For Sale - Registered Black Angus cows. Bred for spring. Bull, Steer & Heifer calves, 500-600 lbs. 215-689-9168

Corn fed capons live, 55 cents a lb. dressed, .80 cents a lb. Jonas Martin Jr., New Holland, Pa. R1 17557 717-354-0739

For Sale - Purebred English Shepherd pups, Ideal farm and stock dog. Black and white. $30.00. 215-445-5120

Private sale - 232 acres ranch house, barn silos, spring, stream, owner financed. Near 70-81 interchange, Washington County, Maryland. PH: 301-842-2351

Wanted - A Conde' rotary valve and auto-stall cocks. Henry Beiler, 129 S. Maple Ave., Leola, Pa. 17540

Wanted - Horse shoeing jobs. Will do it at your home. Wife wants cleaning jobs in Terre Hill area. Isaac Newswanger Call 215-445-5672

Wanted - Ford type P.T.O. belt pulley for 1 ⅜" shaft. Give price & location or Phone No. Allen Weaver, East Earl R2, Pa. 17519

For Sale - Stock Bulls, health charts and dehorned. Call 215-869-8624

Hay 70 cents bale for horses or beef. 814-698-2531

For Sale - herd of beef cows, bred. Also Charolais bull. PH: 717-752-3933 call after six p.m.

For Sale - 2 sleighs, 1 cart and a 2 horse wagon. A University saddle & a small rubber tired loader. (717) 786-2275 after 5 P.M. or weekends

For Sale - Prizer cook stove, excellent condition, even top, warming closet. Katie K. Stoltzfus, R1 Christiana, Pa., Bartville Road Box 124

For Sale - John Deere No. 55 Power take-off ensilage blower. Good condition with 40 ft. of pipe & goose neck. Call 717-789-3679.

For Sale - 1 ton grinder mixer $400; 30 ft. Case elevator $150; Kools Hopper blower $200; Oliver Superior drill for parts $20. Call 717-933-4237

For Sale - 4 Siamese 8 wk. kittens; 30 gueinea fowl 2 dollars; Pettibone Mueller loader rubber tires; 2 yd. bucket; 6-7-50-20 truck tires; 7x12 steel flatbed $150.00 Call 717-362-8827

For Sale - 18 red sex-link yearling hens. Just molding. $1.00 each. Alvin B. King, Blank Road.

Wanted for Spring Dairy Farm Help - only experienced with references. Freddy Hill Farms, 1440 Samneytown Pike, Lansdale, Pa. 19446

Wanted - 16' Flat bed truck body; also 4" couplings with sprinklers for Anderson Miller irrigation pipe. Call evenings 609-443-1268

For Sale - 2 Female chichuahua puppy ready to go. 215-286-9478

For Sale - 5 Angus heifer pasture bred in the spring to Angus-Chiahina. About 900 lbs. Excellent condition. Fed organic silage. 301-452-8673. Whiteford, Md.

Mail Box Market

r Sale - Pair G78-14 dded snow tires on Chevy eels $40.00. 717-786-7116

r Sale - Two 12-inch meter Nelson automatic terers with thermostatic ntrol; one new; $40 & $20 ch. Ph: 717-359-4383.

48 John Deere R, owroom condition; Ph: 7-569-1008 after 4 P.M. or 9-2106.

r Sale - 1967 Chevelle ncours wagon, auto, ps. od condition, good tires. st price $575. 717-569-9379.

Mail Box Market

For Sale - 1976 International Model 510 21 disc grain drill. PH: 609-769-0702.

Wanted - person to work on farm full time or part time starting 4-1-77. John B. Lantz, R. D. 1, Gordonville, Pa.

For Sale - 1 American Saddle house with papers, 7 r. old broke single and double with snap. Aaron B. Reiff, near Terre Hill Silo Co. along 897

For Sale - 10 Used Frey Bros. calf pens. Also muskrat traps. 717-665-2296

Mail Box Market

Wanted - Roxy three gang lawn mower and P.T.O. assembly for M & M corn sheller. Write Howard Shenberger, R5 York, Pa. 17402

Wanted to Buy - Small, used grain drill with band seeder attachment; small, used manure spreader; small used P.T.O. baler. Call 1-301-335-5870

Wanted - 15 to 20 cubic foot chest type freezer. Must be in good and working condition. Call anytime (717) 867-1496

Mail Box Market

For Sale - Meadowbrook buggy in good shape but needs some work on it. Can deliver if needed. B. Galligan, R. D. 2, East Earl, Pa. Ph: 215-445-4946.

For Sale - Farmall 544 Hydro-gas, 660 hours, new condition. Farmall 340 2032 hours with blade and mounted 2-row cultivators, excellent condition. PH: 301-398-9550.

For Sale - 8 x 8 redwood stained 3 sided barn; good roadside stand or good storage barn. Best offer over $300. PH: 717-872-2646.

Mail Box Market

For Sale - JD 3010 tractor with loader, very good condition. PH: 717-285-4118.

For Sale - 1967 Diamond T cab over, twin screw 350 Commins, good rubber and mechanically sound. PH: 215-445-4996.

For Sale - mixed German Shepherd pups, 6 weeks old; live Muscovy ducks. John S. Fisher, Quarry Road, Paradise, Penna.

Mail Box Market

For Sale - NI 10 ft. fertilizer drill; 106 Wired walking plow; JD spring harrow; NH hay crusher; cultipacker; McCormick Deering riding cultivator; Oliver Rade-X trailer plow; JD flail chopper. PH: 717-786-3618.

Wanted - used pony saddle for child's Christmas present. PH: 717-284-4725.

For Sale - 8 year old half Welsh pony, very gentle - $50. PH: 717-367-7133 after 5 PM.

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IH-700 Auto Plow - 5F - 16"
IH-700 Auto Plow - 6F - 16"
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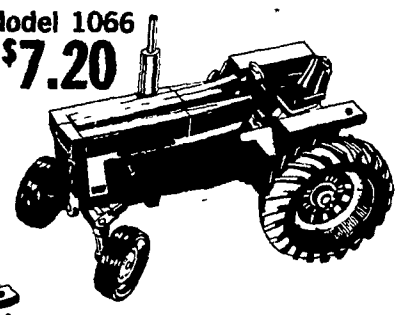
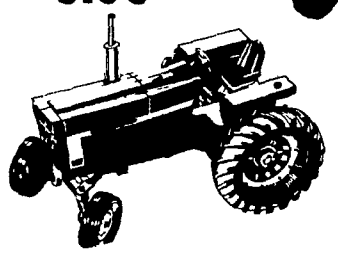
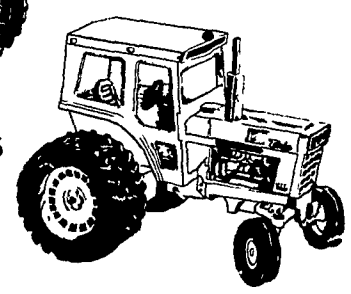


Model - 1066
$5.90





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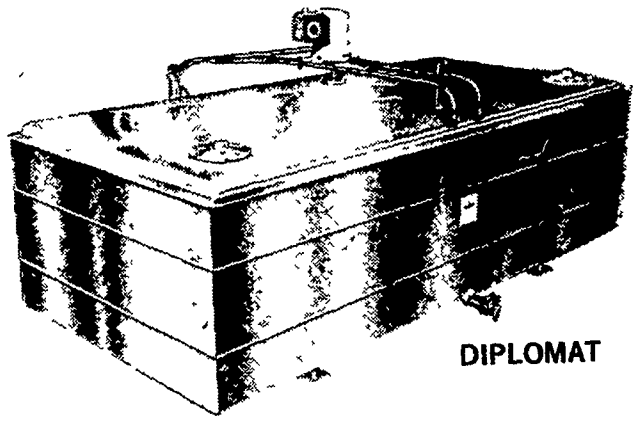

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Mail Box Market

For Sale - White mice, 25 cents each; gunea pigs, 50 cents each; rabbits - $1.00 to $3.00. Phone 215-385-6249 or write Cyril Arnold, 739 Rosewood Drive, Douglassville, Pa. 19518.

For Sale - used storm doors and windows; new snow tires, also new and used recap snow tires. PH: 717-684-8330.

Wanted - 14.4 x 36 tractor tire. PH: 717-786-2625. James Bucher, Box 385, R. D. 1, Quarryville, Pa. 17566

Wanted - used Patz barn cleaner and 50 or less stanchions. PH: 717-872-8960.

For Sale - 1 excellent 3 year old suffolk ram, reasonable price. PH: 717-665-4021.

For Sale - E-Z 16 ft. Tandem snow mobile trailer with brakes, like new - $795. PH: 717-935-2994.

For Sale - 1970 Jeep V-6, 4 wheel drive with snow plow; 1973 Gooseneck 4-horse trailer with 6 ft. dressing room. Ph: 717-569-3416.

For Sale - Two male purebred Bluetic coon hound pups, 5-½ months old, ready to train, no papers-$35 each. Carl E. Varner, R. D. 1, Shirleysburg, Pa. 17260 (Huntingdon County).

For Sale - Fox terrier puppy, nice markings. 2 miles South of Bareville, Leola Hess Road. Benjamin S. Stoltzfus

For Sale - 3 Tender Lean Beef. PH: 717-665-7174

Wanted - 3 pt. 3 bot. 14" trip or shear bolt plow. Reasonable. PH: 215-489-7172

For Sale - 350 gal. Esco milk tank $350, 13-7 M.M. grain drill $250, 7 ft. Meyer snow blade $200. Phone 301-733-1054

For Sale - Field Sprayer Booms & V Good Rubber, heavy duty $625.00; Copper Boiler, 30 gal. $75.00 & Tredle singer sew machine $75.00. PH: 717-799-5495

For Sale - Feed Mixer; Int. Sickle bar, good cond.; AC Corn Planter, 3 pt. Hitch, 2-row, fiber glass hoppers, ex. cond. Call 215-377-4549

For Sale - New Holland 357 Grinder Mixer. Like new. Call 717-273-7379

For Sale - 5' - 7' Douglas Fir and White Concolor Fir sheared Christmas trees, excellent color & needle retention. Wholesale & Retail. Oscar Beck, 10 mi. NW of Allentown, Pa. Ph: 215-767-6750

For Sale - 2 Reg. Holstein 1st calf heifers. Fresh Sept. 18th & Oct. 3. PH: 717-225-5240

For Sale - 2 Duroc Boars, 1 Duroc Yorkshire cross. Service age. Wanted - Small continuous flow grain dryer. Used. 717-354-6528

For Sale - 323 N.I. corn picker, 6 h.p. Model Z Fairbanks and 6 H.P. Hercules gas engines. Elias S. Beiler, R1 Leola, Pa. 17540 Musser School Rd.

For Sale - . Holstein heifer due to freshen about Dec. 5 - $450. PH: 215-756-6554

For Sale - L Clearview Hart Top tractor cab, with safety glass, used 1 winter. 3 Pride - of the Farm 12 hole hog feeders, good condition; 700 Shaver leghorn yearlings, excellent health. 717-665-2962

Mail Box Market

For Sale - 2 two-door Servel refrigerators in good condition. Reuben E. Fisher, Madisonburg, Box 25, Pa. 16852.

For Sale - Partially built pulling tractor, Massey rear with (425) Olds engine and auto. transmission with 23.1 x 30 tires-$1150. Ph: 201-359-5934 evenings.

For Sale - John Deere A tractor, 1949 Ford pick-up truck, 1963 Chevy car. PH: 717-992-4408.

For Sale - 1970 Plymouth Duster, 6 cyl., 3 speed, metalic green with black vinyl top, 64,000 miles, runs good. PH: 717-235-5189.

Mail Box Market

For Sale - 7 ft. disc - $125; 8 ft. Harrow - $100; 11 bales baler twice-$10. per bale. PH: 717-444-3447.

For Sale - home grown clover seed - $50 per bushel, has been state inspected. Joe H. Zimmerman, R. D. 1, Leola, Pa. along Route 772 near Carpenter's Church.

For Sale - 10 Charolais cows due in April, bred to Charolais -$350.00 per head. PH: 717-367-2567.

For Sale - Purebred Hamshire stock hog, service age. Ph: 814-259-3450.

Poultry Items Wanted - 2 Quakermade egg collector for three row Quakermade nests. Should be in good condition. Call collect 717-532-7916.

Mail Box Market

Close springer cows and heifers. Registered and grade. Roy Andrus, Columbia Cross Roads, R. D. 2, Pa. Ph: 717-297-3213

For Sale - used Clay barn cleaner, Int. Hammermill, used coal furnace, 8N Ford tractor. PH: 717-222-3928.

Wanted to buy - International 2-row pull-type corn planter on steel with double disc seed openers and rope pull clutch. PH: 717-345-4109.

Will sell or trade - Wright saw for small chain saw. PH: 717-354-9305.

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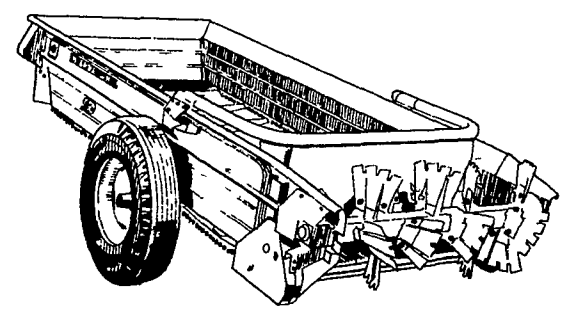

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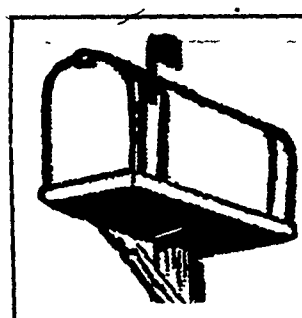

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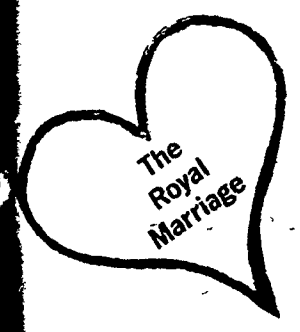

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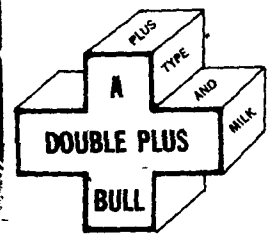

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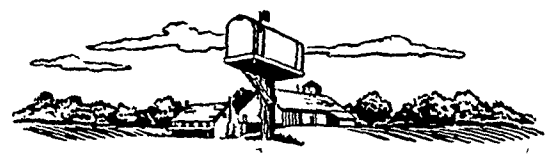

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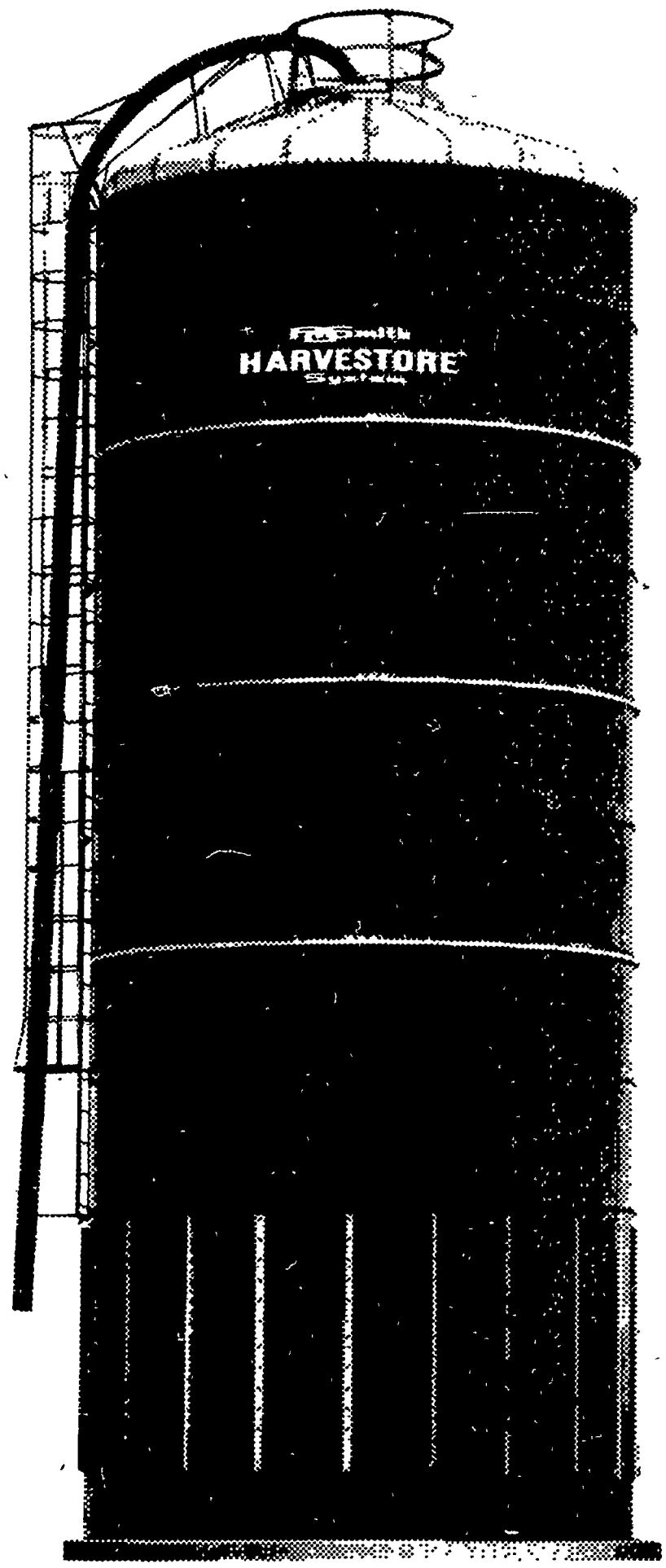

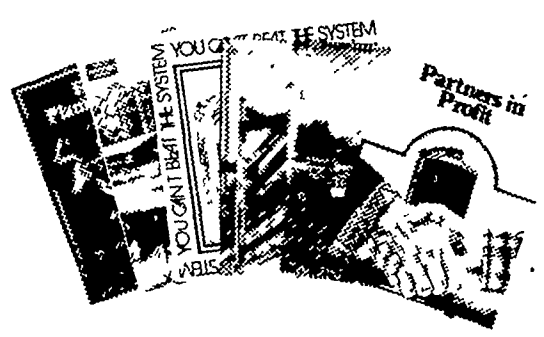

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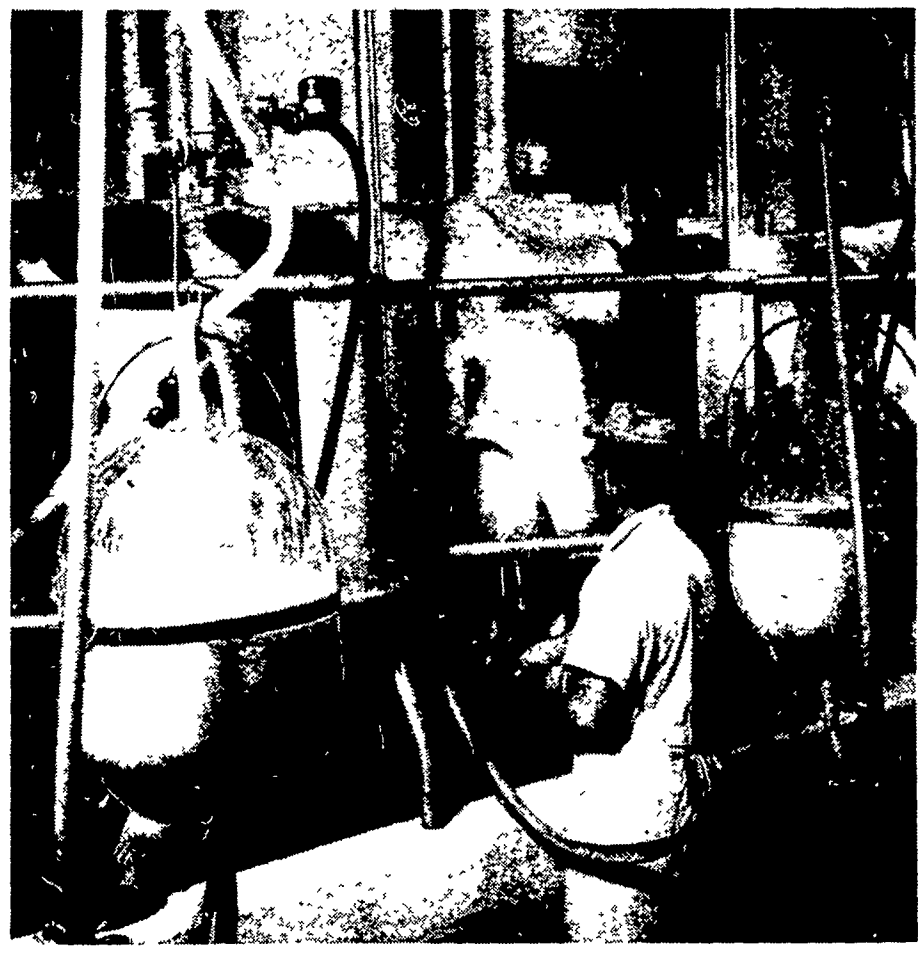

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She makes crafts look easy to do

By SALLY BAIR
Feature Writer

Marusia Zearfoss is one of those people who can do any kind of craft and make it look easy. She can sew dolls, make cloth flowers, create dried flower pictures and does many kinds of needlework. And that is just for starters.

In her home at 48 Mifflin Street, Lebanon, many of her craft items add interest to her decor. But while she makes any kind of craft which she enjoys for herself, she attends many craft shows and hopes to sell most of her items.

Perhaps the thing that she likes to do most is cross-stitch embroidery. She attributes her interest to her Ukranian background, and said she taught herself embroidery as a young girl by doing dresser scarves and pillows.

She has progressed considerably since her dresser scarf days and the work which best shows her skill and enthusiasm is a cross-stitch picture which hangs on her living room wall. It is a rural scene with a farmhouse, a father picking apples from a tree and a little girl playing with sheep in the pasture. Above the picture is the alphabet and below are these words: "May this remain when I am gone, For you my friends to look upon."

The picture is one Marusia created for a needlework contest sponsored by **Ladies Home Journal** magazine last year. She said she read about the contest three months before the deadline, and she sewed on her project for two months.

"The first month I played around with an idea, trying to get an inspiration," she explains. When the idea came, it took her two weeks to plan out the design, which was a scene reminiscent of Marusia's childhood in rural New Jersey where she grew up. The care she took in preparing it was rewarded by having her entry named one of 57 finalists out of 2,000 entries.

Planning a design of such intricacy is time consuming, but important for the overall effect when the project is finished. Marusia says, "I map it out on graph paper, and being the meticulous person I am, I go to great extremes to make sure everything is perfect. I spend hours making sure that what's on the paper is what comes out."

She has many kinds of completed cross-stitch pieces, obviously not all on the scale of her **Ladies Home Journal** project. She is currently working on tiny cross-stitch angels and other creatures in tiny picture frames - a delight for children of any age.

Cross-stitch was once extremely popular, and is regaining its popularity, if the interest in samplers is any indication. Marusia pointed out that the old samplers which are now enjoying popularity were once done simply for practice. She said it taught the young girls to sew the basic stitches, numbers and the alphabet. They were named "samplers" because the piece was a sample to practice and to learn things on. She also explained that women copied patterns from each other in this fashion, and since people couldn't afford paper, this was often the only way to copy a pattern.

Marusia says she is trying to develop some Pennsylvania Dutch designs in cross-stitch. While some have been done in needlepoint, there are none available for cross-stitch enthusiasts.

Another grand idea for the future is a desire to create embroidery designs as kits or patterns.

"I would like to work on my own designs or recreate old designs," she says. But, she's only interested in doing it on a small scale. And quite aside from her wish to design patterns, she says, "I would love to teach eveyone to make cross-stitch embrodiery without a printed pattern."

But cross-stitch is just one of Marusia's interests - the variety seems endless. She said she has been doing things with her hands all her life.

"I remember when I was little, I made clothes for dolls, including little felt shoes," she says. continuing with her thought she says, "My mother made a lot of clothes for me, and I remember being given a cast iron Singer sewing machine - a toy." She not only used the machine as a child, but took it with her when she attended Shippensburg State College, and put it to use there.

Surprisingly enough, she doesn't remember her parents doing a lot of crafts. Their interest, she said with a laugh, "all came after I started." Her father now does needlepoint and has done latchwork rugs.

She has been attending craft shows for the past three years, and sells a variety of crafts, changing from time to time as her interest changes. Cloth flowers were one of her first ventures, but she doesn't make them now.

Once, when she was "playing around with wire", she discovered she could make earrings. They were the clip-on style, and she made them "entirely myself" from steel wire and some with copper wire. It was a natural for her she said, "Because I am allergic to metal." She doesn't make the earrings anymore, because "the markets and the interest change."

She is presently working with dried flowers, and she admits, "I have a thing about flowers." She maked dried flower pictures and jewelry from the tiniest of plants, which she says she collects, dries, and presses herself. Explaining that she is always on the lookout for interesting plant material, and she admits to sometimes rising before sunup so she can get the specimens in their prime.

Marusia plays her dulcimer - a purchase at a craft show in West Virginia.

Homestead Notes

Marusia works on some cross-stitch embroidery at her standing embroidery hoop.

This cross-stitch picture was created by Marusia for a contest sponsored by Ladies Home Journal. It depicts her life as a child and was selected as one of 57 finalists out of 2,000 entries.

She and her husband Craig camp a lot, and she often collects plant material when they are camping. She even has her husband in the habit of helping to look for potential specimens, and she always has a flower press which her husband made for her or a book in her car to preserve what she finds.

She says her husband is "my best salesman. He brags about me."

One unique way of using dried flowers is putting them on eggshells with a decoupage finish. She said, "decorating eggs intrigues me. I tried the flowers on the eggs - people liked it, I liked it and so I keep on doing it."

A recent addition to her array is a corn husk ball, rather like the traditional kissing ball. Her corn husk ball is adorned with straw flowers for a very pleasing effect. She pointed out that the ball can be used at any season by changing a bow or other adornment.

Marusia sews, and showed a lovely patchwork quilt as an example. She said she mostly sews animals and dolls, using magazine patterns. A special favorite is making lambs, since her family raised sheep when she was young. She also knits, crochets, and does needlepoint and crewel embroidery. At the time of this reporter's visit, there was a partially finished pine cone wreath in a corner.

Marusia mentioned that while she likes to make things in her own style, very few ideas are completely original. She said she often "borrows" designs, and adds, "I will beg, borrow or steal." But she always makes some changes in what she does so that the finished product reflects her talent. She has a collection of needlework pattern books.

As an understatement, Marusia says, "I love making things." But she adds, "I do it because I feel like doing it." I don't like to take orders, because it makes me feel pushed. I try to pace myself, and I will ofter work on something while I 'listen' to television."

An English teacher at Lebanon High School, she said, "After school I like to sit down and do something. I cannot sit for very long." And for those who have started a project and not completed it, it will be a comfort to hear Marusia confess that she has many projects going at once. She said, "I may have 16 projects going. One thing leads to another. When my eyes get tired with embroidery I go on to something else."

Marusia began selling her crafts quite unexpectedly. When she was visiting her parents' home in Harper's Ferry, W. Va., she was friendly with the people who ran an old-fashioned country store.

"They encouraged me to make flowers and allowed me to set up a table and sell my things. I never dreamed I could make money doing it." she says.

This spurred her on to doing craft shows in this area, although she prefers doing them outside the Lebanon area. She said, "I will go almost anywhere that draws people from outside the area." She attends the regular functions at Schaefferstown, has been to Mechanicsburg, Hazelton, and, Mt. Gretna, and has attended a crafts festival at Allenberry.

The shows have become very interesting for Marusia who admits, "I love to spend my time talking to someone. I am a teacher at heart, no matter where I am."

Most shows prefer to have craftsmen demonstrating, about which she says, "It is hard to demonstrate something that is appealing and eye-catching, but people are more apt to buy if you are demonstrating."

She often embroiders while at shows, and sometimes she plays the dulcimer, which is a real attention-getter. Marusia taght herself to play the instrument which she bought at a West Virginia craft show.

Marusia said that while it annoys her when people look over her crafts and suggest that they can do it cheaper themselve, she, on the other hand, will spend great amounts of time explaining in detail how to do a particular craft if a passer-by seems particularly interested in it. She said she is not concerned about teaching others to do crafts themselves because as she put it, "the things I do, the average person won't do and if they try it, it won't come out as well.

I enjoy helping others make things. I have given lessons in my home from time to time and I really enjoy teaching needlework because the people really want to learn." Unfortunately, she said, with her full-time teaching schedule there is not much time for teaching crafts.

There is a great interest in doing crafts now, she said. "Because people are realizing that they have the ability. They get a lot of satisfaction in doing something themselves."

Marusia's abilities are diverse, and she says a little self-consciously, "I guess I do have some kind of natural talent."

Her "natural talent" has created some delightful crafts, and a lot of enjoyment for herself and for others.

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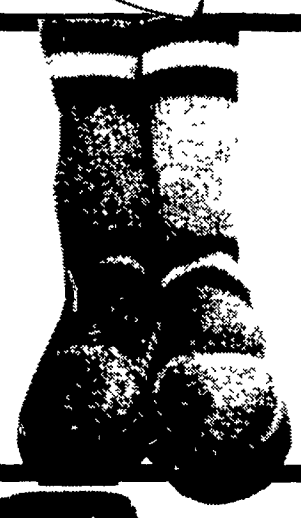

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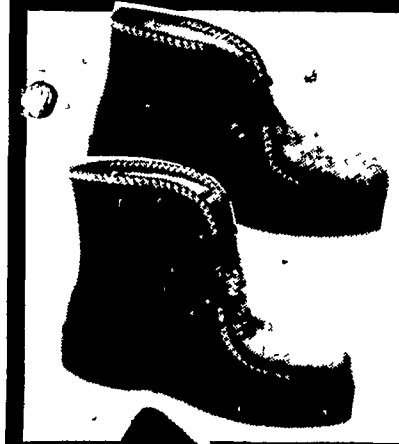

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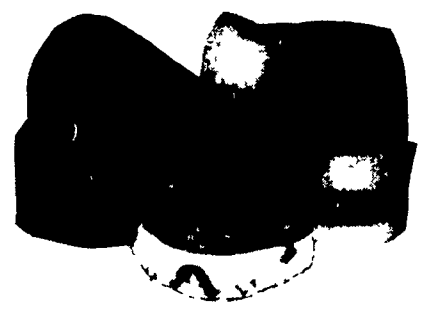

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Ida's Notebook

Ida Risser

When I get in the car to do necessary errands, I'm amazed at the large number of cars on the road. It seems as though no one would be keeping the home fires burning.

Many people feel they must work away from home to be fulfilled and realize their potential. After spending eight years battling the traffic and the weather going to an office job, I'm just glad to work in my own home.

Now I could spend most of my time cooking and baking, if only I could keep from eating too much of that good food. You see I'd sooner not gain weight than have to lose it at some later date. Another enjoyable pastime is tending my 100 houseplants. They surely need watering quite often.

When I pick up the flower blossoms that have dropped on our bedroom windowsills, I still find a dead wasp now and then. You know what happened? We had hundreds of them on the windows and on the floor this fall. Apparently, they crawled in a crack near the window frame and at night they walked across our faces - what a way to be awakened. We finally sprayed them.

But back to why I resisted getting an outside job. I've always felt that staying home and raising our six children was the most important job that I could do. When they were small, I talked to them and read stories to them continually. The youngest learned to read when she was two years old. And now that half of them have graduated from college, they sometimes tell me my efforts were worthwhile as they had a good start.

And if I wasn't home, who would cook my husbands lunch? And who would listen to his spiel of all the things that broke at the barn that morning? Guess I'm just a satisfied homemaker.

Women's Calendar

Saturday, December 11

Lancaster County Society 13 meeting at 6 p.m. Family Christmas party at Witmer Fire Hall.

Berks County Society 5 meeting at 7 p.m. Christmas party.

Lancaster County Society 25 meeting at 6:30 p.m. Family Christmas party. Vera Nauman, hostess. Bring one hot or cold covered dish.

Lancaster County Society 29 meeting at 7 p.m. Christmas banquet at Willow Valley.

Lancaster County Society 8 meeting at 2 p.m.

Lancaster County Society 7 meeting at 2 p.m. "Christ across the Sea" is program.

Lancaster County Society 2 meeting at 6 p.m. Christmas meeting at the Mastersonville Fire Hall.

Lancaster County Society 19 meeting at 7 p.m. Landis Valley Motor Inn for Christmas dinner.

Sunday, December 12

Lebanon County Society 3 meeting at 1 p.m. Family Christmas dinner at the United Methodist Church, Cumpbelltown, Pa.

Tuesday, December 14

Lancaster County Society 22 meeting at 7:30 p.m. Christmas program.

York County Society 12 meeting at 1:30 p.m.

Dauphin County Society 1 meeting. Christmas party.

Thursday, December 16

Lancaster County Society 26 meeting at 7:30 p.m. Christmas program.

Saturday, December 18

Lancaster County Society 3 meeting at 1:30 p.m.

Lancaster County Society 18 meeting. Speech on gift wrapping.

NOTICE

Any Farm Women Society wishing to have their program schedule mentioned in the "Women's Calendar" should send their yearbook or a typed schedule of the year's events to **Lancaster Farming Newspaper**, Farm Women News, Box 266, Lititz, Pa. 17543.

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Ruth Strickler, Brownstown	I E. Bowman, Akron	Pauline Grube, Ephrata
Mrs. John Risser, Lititz	JoAnne Roether, Lititz	Linda Kromer, Ephrata
Mrs. R. U. Fassnacht, Ephrata	Dane Gearhart, Ephrata	Stephen Sweigart Jr., Ephrata
Margaret Ganster, Akron	Mrs Ivan E. Zeiset, Ephrata	Steven Ruhl, Lititz
Celia Lausch, Denver	Lawrence Devine, New Holland	Mrs Warren Seibel, Ephrata
Emily Yarnall, Brownstown	Lynette Knepper, New Holland	Mrs. Melvin Nolt, Ephrata
Nancy Frye, Lebanon	Sandy Sensenig, Ephrata	Kathy Szmurlo, Ephrata
Harlan Zimmerman, Denver	Lester Ruhl, Ephrata	Grace A Bergstresser, Ephrata
Mrs Thomas Weeple, Lititz	Sandra Noll, Reamstown	Ruth Wiker, Lancaster
Kitty Hartsough, Ephrata	Roseanne Martin, Ephrata	Jo Michele Weston, Mt Joy
Mrs. Harold M. Smith, Ephrata	Mrs Sharon Colon, New Holland	Margaret Brandt, Lebanon

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6 - EARLY AMERICAN LIVING ROOM SOFA, LOVE SEAT, CHAIR - REG. $729.00 O.P. $369.95

10 - 3 PC. MODERN SOFA, LOVE SEAT, CHAIR - REG $729.95 OUR PRICE $349.00

21 - PINE BAR STOOLS - REG $89.95 OUR PRICE $35.00

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58 - COLORED HALL TABLES - REG. $139.95 OUR PRICE $17.00

13 - DESKS CHAIRS - REG. $79.95 OUR PRICE $24.00

15 - WOOD HEADBOARD W-BLACK VINYL, SINGLES - REG. $69.95 OUR PRICE $10.00

4 - WALL SAVER CHAIRS - REG. $109.95 OUR PRICE $40.00

30 - ODD NIGHT STANDS - REG. $109.95 OUR PRICE $26.00

2000 - DECORATED CHRISTMAS CANDLES IN GLASS HOLDER - REG $3.50 OUR PRICE $1.50 GUARANTEED TO BURN

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21 - PINE BAR STOOLS, FULL SIZE - REG. $79.95 OUR PRICE $32.50

50 - PINE, MAPLE DINING ROOM OR KITCHEN SETS - TABLE, LEAF, FOUR CHAIRS - REG. $239.95 OUR PRICE $109.95

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50 - BENCH VISES - REG. $59.95 OUR PRICE $19.95

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6 - BUNK BED SETS, INCL. BEDDING - REG. $309.95 OUR PRICE $149.95 & $169.95

30 - 3 PC. END TABLE SETS - REG. $189.95 OUR PRICE $99.95

30 - DESKS, ALL SIZES, WHOLESALE & UNDER

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21 - 122 PC. TOOL BOX SETS - REG. $169.95 OUR PRICE $55.00

SHOW SPECIALS PURCHASED AT CHICAGO ELECTRONICS SHOW

12 - STEREO COMP., AM-FM STEREO, TURNTABLE, 8 TRACK TAPE PLAYER REG. $249.95 OUR PRICE $129.95

10 - 8 TRACK PLAY & RECORD DECKS - REG. $129.95 OUR PRICE $65.00

9 - STEREO COMP. SETS, AM-FM STEREO, 8 TRACK W-SPEAKERS, FULL MPX REG $219.95 OUR PRICE $119.95

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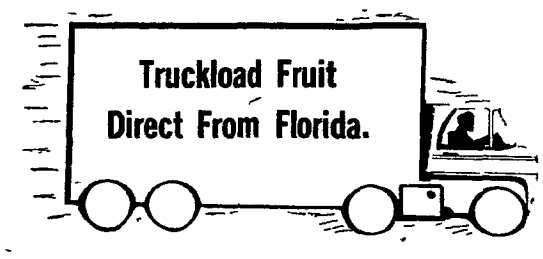

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Farm Women Societies

Lancaster Co. Society 1

Lancaster County Farm Women Society 1 met December 4 at the home of Mrs. Mark Stoner, Lititz, with Mrs. David Fyock as co-hostess.

Mrs. Leon Ulrich was in charge of the business meeting. The Society voted to give $10 to the Cancer Society. The program included several vocal selections by Mrs. Barry Noll.

Sallyann Breneman, a radio personality, was the featured speaker on the subject of "Bits and Pieces."

Christmas gifts were exchanged during the social hour.

The next meeting will be held on January 8 at the Ephrata Museum with Mrs. Leon Ulrich and Rachel Bollinger as hostesses.

Lancaster Co. Society 6

Lancaster County Farm Women Society 6 held their Christmas banquet at the Rheems Fire Hall on December 4 at 6 p.m. with 55 members, husbands, friends, and guests present. Special music for the evening was a ladies trio from West Greentree Church of the Brethren.

Guest speaker for the day was the Rev. Leroy Hawthorne, also from West Greentree. His subject was "Giving and Receiving at Christmas." He brought out the fact that often too much money is spent for gifts and not enough given of ourselves.

The next meeting will be held at the home of Mrs. Vera Shonk of Manheim on January 7 at 2 p.m.

Lancaster Co. Society 7

Lancaster County Farm Women Society 7 met on November 7 at the home of Mrs. Henry Ebersole, Paradise.

The demonstration was on making things from bread dough and was given by Mrs. Donald Irwin. She constructed flowers, animals, jewelry, etc.

The December meeting will be held at the home of Mrs. George Arment, Gap, on Saturday, December 11 at 2 p.m. Roll call will be "What I left undone to come to this meeting."

The program is "Christmas Across the Sea," by an exchange student. Hostesses are Mrs. Edgar Hall, Mrs. John Weaver, and Mrs. Ross Usner.

Lancaster Co. Society 12

Lancaster County Farm Women Society 12 met at Shady Maple for their family Christmas party. Thirty-seven guests attended.

For entertainment, a quartet sang Christmas music. A short business meeting was held, and gifts were exchanged.

The next meeting will be at the home of Mrs. Irene Frey, Cresswell, at 1 p.m.

Lancaster Co. Society 19

The Lancaster County Society of Farm Women 19 will be holding its annual Christmas Party banquet on December 11 at the Landis Valley Motor Inn, beginning at 6:30 p.m. The out-going president, Mrs. A. Ross Weaver of Salunga will preside.

Entertainment will be a Christmas package of music and words by Ken Hussar from Landisville, who is an elementary teacher in the Hambright School.

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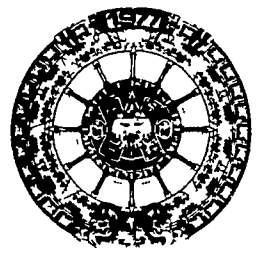

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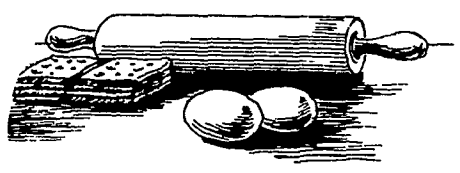
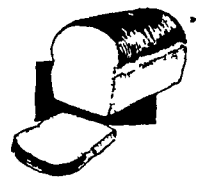
Home on The Range





"Christmas" and "cookie". Those two words go together, so this week **Lancaster Farming** is featuring cookie recipes to try for the holidays. And, since guests are more apt to drop in during the upcoming weeks, we are printing some candy recipes with which to treat them. Although adults are often watching their weight and can be hesitant to munch on candy snacks during a visit, their little ones are sure to remember your cooking if you have homemade candy to offer them.

BUTTERSCOTCH NUT BARS

½ cup butter
1-½ cups brown sugar
2 eggs
1-½ teaspoons vanilla
1-½ cups flour
2 teaspoons baking powder
1 cup chopped nuts

Melt butter in saucepan. Remove from heat; blend in sugar. Add eggs, one at a time, beat well after each. Add vanilla. Sift together flour and baking powder; add all at once. Stir to mix thoroughly. Gently stir in nuts. Turn in greased oblong pan. Spread dough evenly in oblong pan. Bake at 350 degrees F. oven 25-30 minutes. Glaze if desired. Glaze: 1 tablespoon warm milk
⅛ teaspoon vanilla
½ cup confectioners sugar
Glaze:
1 tablespoon warm milk
⅛ teaspoon vanilla
½ cup confectioners sugar

xxx

OATMEAL CRISPIES

1 cup shortening
1 cup brown sugar
1 cup granulated sugar
2 well-beaten eggs
1 teaspoon vanilla
1-½ cups flour
1 teaspoon salt
1 teaspoon baking soda
3 cups quick-cooking oats
½ cup raisins

Thoroughly cream shortening and sugars. Add eggs and vanilla; beat well. Sift dry ingredients; add to creamed mixture. Add oats and raisins; mix well.

Shape into rolls; wrap in waxed paper and chill. Slice ¼ inch thick; bake on ungreased cookie sheet in 350 degrees F. oven for 10 minutes.

xxx

SOFT SUGAR COOKIES

2 cups sugar
3 eggs
1 cup shortening
2 teaspoons vanilla
1-½ cups sweet milk
1 teaspoon soda
4 teaspoons baking powder
5 cups flour

Mix ingredients. Drop by tablespoons (depending on size cookie desired) on ungreased cookie sheets. Bake at 375 to 400 degrees F. for about eight minutes.

Hilda Gemmill
Airville, Pa.

xxx

BROWNIES

½ cup shortening
1 cup sugar
2 eggs
5 tablespoons cocoa
½ teaspoon vanilla
½ cup flour
Pinch of salt
¾ cup nuts

Cream shortening and sugar. Add eggs, well beaten. Add chocolate. Mix flour, salt and nuts. Add to creamed mixture. Add vanilla. Blend thoroughly and pour into greased and floured 9 x 9 inch pan. Bake at 350 degrees F. for 45 minutes.

Mrs. Charles Biehl
Mertztown, Pa.

xxx

CEREAL COOKIES

½ cup chunky peanut butter
¼ cup honey
3 cups crisp rice cereal

Mix honey and peanut butter together in a mixing bowl. Add one cup cereal and stir in honey, and peanut butter, and mix. Put two cups cereal into another bowl. With your fingers, make a small ball of the peanut butter mixture and roll in plain cereal until coated. Makes 24 cookies.

Mrs. Paul Eck
Mertztown, Pa.

xxx

PEANUT BRITTLE

2 cups sugar
1 cup white syrup
½ cup water

Cook until it forms a hard ball when dropped in cold water.

Then add:
2 cups unroasted peanuts
1 teaspoon butter

Cook until golden brown. Then take from stove and add two teaspoons soda and one teaspoon vanilla. Pour at once into a greased slat.

Thelma Kinsinger
Oakland, Md. 21550

xxx

PUMPKIN COOKIES

1 cup lard
2 cups brown sugar
2 teaspoons baking powder
2 teaspoons cinnamon
2 cups pumpkin
4 cups flour
2 teaspoons soda

Add one cup nuts and one cup raisins, if desired

Mix - then drop by teaspoons on cookie sheets. Bake at 400 degrees F.

Mrs. John King
Paradise, Pa.

xxx

SUGARLESS DROP COOKIES

2-½ cups sifted flour
3 teaspoons baking powder
¼ teaspoon salt
Two-thirds cup shortening
1-¼ cups honey
1 egg, well beaten
1-½ teaspoons vanilla

Sift flour, baking powder and salt. Cream shortening, add honey, egg and vanilla. Beat well. Add dry ingredients beating well after each addition. Drop by teaspoon on greased cookie sheet. Bake at 400 degrees for 12 to 15 minutes.

Mrs. John King
Paradise, Pa.

xxx

STOCKMAN COOKIES

2 eggs
1 cup lard
½ cup milk
2 cups sugar
2 teaspoons soda
3 teaspoons cream of tartar
¾ teaspoon salt
1 teaspoon nutmeg

Mix together and add enough flour to roll. Takes about 5-½ to 6 cups of flour. Bake at 350 degrees F. for

[Continued on Page 55]

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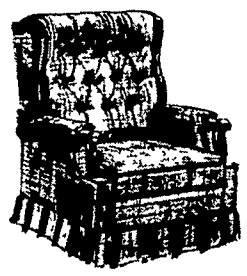

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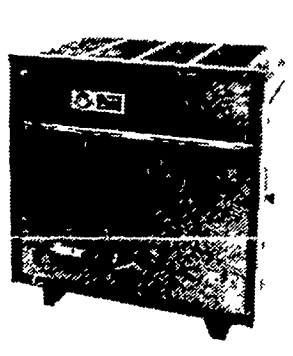

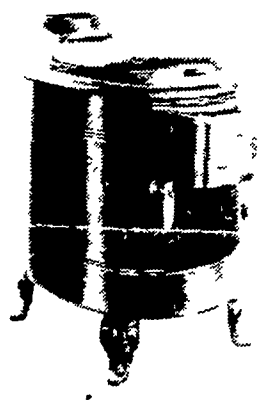

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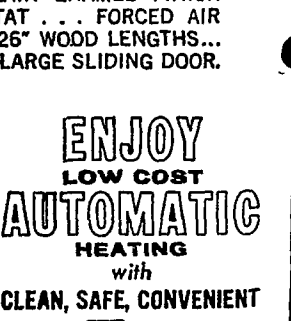

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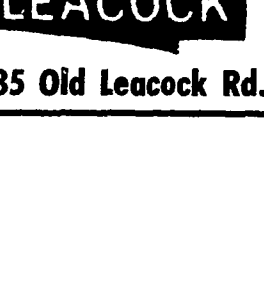

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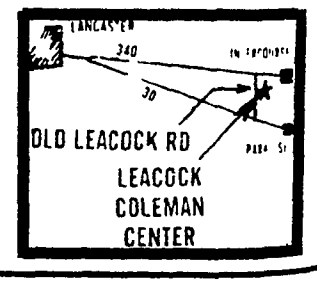

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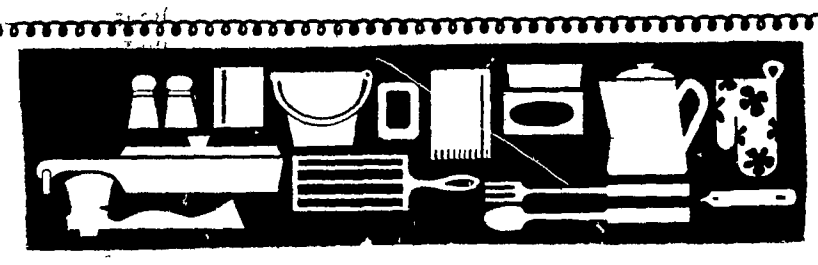

Junior Cooking Edition

It is coming close to Christmas and our Junior Cooks have provided us with several interesting recipes for holiday favorites. From carmel popcorn to sandtarts, the dessert possibilities are truly interesting.

We thank our junior cooks and hope you try some of the recipes.

CARAMEL POPCORN

1 cup sugar
½ cup light corn syrup
2 tablespoons dark molasses
½ cup water
2 tablespoons lard
1 teaspoon vinegar

Combine all ingredients except popcorn. Cook mixture until brittle when tested in water. Gradually pour the mixture over the popcorn in a large bowl. Mix thoroughly. Cool and serve.

Tammy Butler
Gettysburg, Pa.
Age 14

xxx

MAGIC CHOCOLATE FRENCH FUDGE

3 cups (three 6-ounce packages) semi-sweet chocolate chips
1 can sweetened condensed milk
Pinch of salt
1-½ teaspoons vanilla extract
½ cup ground nut meats

In top of double broiler, melt chocolate over hot water; stir occasionally. Remove from heat. Add sweetened condensed milk, salt, vanilla extract, and nut meats, if used. Stir only until smooth. Turn into waxed-paper-lined 8-inch square pan; spread mixture evenly and smooth surface. Refrigerate about two hours or until firm. Turn candy out onto cutting board. Peel off paper. With a sharp knife, cut fudge into serving size pieces. Store in airtight container.

Sylvia King
Lancaster, Pa.
Age 12

xxx

CHRISTMAS SALAD

3-½ cups water
2 packs lime jello
1 large can crushed pineapples, drained
1 pint whipped cream
1 (8-ounce pack) cream cheese
2 packs gelatine
3 packs cherry jello and 4 or 4½ cups water

Mix lime jello with 3-½ cups water and add drained pineapples. Chill. Soak gelatine in pineapple juice until dissolved. Cook and cool. Whip cream and cream cheese and pour juice in whipped cream and over green jello and chill. Mix three packs cherry jello and 4 or 4½ cups water. Put on top of cream cheese mixture.

Verna Mae Lapp
Coatesville, Pa.

xxx

PECAN NUT PIE

3 eggs
1 cup dark corn syrup
¼ cup brown sugar
⅛ teaspoon salt
2 tablespoons butter, melted
1 tablespoon flour
¼ cup water

Combine sugar, flour, and salt. Add beaten eggs. Then add water to molasses and combine with egg mixture. Add melted butter and chopped nuts. Bake at 425 degrees F. for 10 minutes, then reduce to 375 degrees F.

Melinda Beiler
Leola, Pa.
Age 9

xxx

PUMPKIN CHIFFON PIE

1 envelope unflavored gelatin (one tablespoon)
Two-thirds cup brown sugar, packed
½ teaspoon salt
½ teaspoon cinnamon
½ teaspoon ginger
1-¼ cups cooked pumpkin
3 egg yolks
½ cup milk

Combine thoroughly all ingredients in a saucepan. Cook over medium heat, stirring constantly until it boils. Remove from heat. Place pan in cold water, cool until mixture mounds slightly when dropped from a spoon. Beat three egg whites in a medium size bowl; add ½ cup sugar, and a dash of salt. Beat until all sugar is dissolved and does not feel "grainy" between your fingers. Then fold into pumpkin mixture and pour into cooled crust. Chill until settled - about two hours. Top with whipped cream or meringue to serve.

Marlene Shirk
East Earl, Pa.
Age 13

xxx

BROWN SUGAR DROPS

1 cup soft shortening
2 cups brown sugar (packed)
2 eggs
½ cup soured milk, buttermilk, or water
3-½ cups flour
1 teaspoon soda

Mix shortening, sugar, and eggs thoroughly. Stir in liquid. Mix dry ingredients and blend in. Chill at least one hour. Heat oven to 400 degrees F. Drop rounded teaspoonfuls about two inches apart on lightly greased baking sheet. Bake eight to ten minutes or until almost no imprint remains when touched lightly with finger. Makes about six dozen cookies.

June Miller
Reading, Pa.
Age 15

xxx

SAND TARTS

1 pound granulated sugar

[Continued on Page 57]

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Home On The Range

[Continued from Page 54]

eight minutes. It is a very good cookie to decorate.

Mrs. Ernest Halteman
Clear Spring, Md.

xxx

PEANUT BUTTER CANDY

2 cups sugar
¾ cup milk
26 soda crackers, crushed
6 tablespoons peanut butter
1 teaspoon vanilla

Bring sugar and milk to rolling boil for three minutes. Add finely crushed crackers, peanut butter, and vanilla. Beat till thick. Pour in buttered pan and cut in squares.

Pa. Department of Agriculture

xxx

EASY CARAMEL CORN

No syrup to cook - just dissolve caramels. Stir over hot water until smooth.

½ pound caramels (28)
2 tablespoons hot water

Pour over five cups popped corn or cheerios.

Mrs. Charles Biehl
Mertztown, Pa.

xxx

PEANUT BRITTLE CANDY

2 cups white sugar
1 cup white syrup
½ cup water

Cook until it cracks when tried in cold water. Then add two cups unroasted peanuts and one teaspoon butter. Cook this until golden brown. Then take from heat and add two teaspoons soda and one teaspoon vanilla. Stir hard and quick; pour in greased tins or pans. Set pans in water to keep from sticking to pan, and turn pan around, several times. Cools quickly. Can be taken out of pan and broken into pieces very easily.

Lucy Bender
Catlett, Va.

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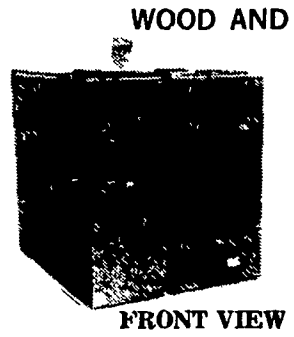
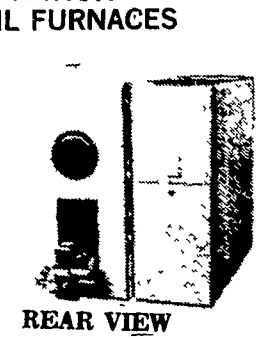

FRONT VIEW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Try some 'holiday magic' for X-mas

Cheryl got the idea for this edible Christmas tree from her mother-in-law. She says it's great for Christmas because you can eat from it like it was a relish tray.

By JOANNE SPAHR

LEBANON, Pa. - An excited, happy crowd of homemakers all in the holiday spirit, eagerly converged upon St. Gregory the Great Church, here, earlier this month to participate in the Lebanon County Annual Christmas meeting. As is par for the course, about 430 fortunate women who had gotten their registrations in early were able to attend, however, there were as many as 150 more at home who were turned away for lack of space. To remedy this situation, Home Economist Alletta Schadler hopes to run the program two days next year.

After registration and Christmas cookie refreshments, Cheryl Reitz, Lebanon County home economist, opened the program with a presentation she called "Holiday Magic." These were quick and easy ideas for holiday gifts and decorations.

Admitting that she's not really creative when it comes to dressing up a table, Cheryl began her presentation with two centerpieces which she likes for three reasons - they are pretty, easy, and edible.

The first one she displayed was a turkey centerpiece made of fresh pineapple with a handmade tail and head of felt. What Cheryl finds really nice about this one is that it can be used from Thanksgiving through to Christmas and even longer because it's so cute.

The materials needed for the pineapple turkey are a fresh pineapple, a wooden cocktail fork, a piece of orange felt (12 by 9 inches), orange thread, straw, a tray, pine cones, and nuts.

The first step in making this centerpiece is t trace and cut out two head pieces and one tail piece from orange felt (See patterns included in the [illegible] Then, you insert a cocktail fork or stick in between the head pieces. Once this is done, you sew around three sides, leaving the bottom of the neck open.

Then, you put straw on top of a tray and turn your pineapple on its side. At this point, you insert the head piece at the large end of the pineapple and the tail at the cluster of leaves.

To add the finishing turkey touches, arrange pine cones and nuts aroung the turkey.

The other edible centerpiece which Cheryl displayed was one which can only serve in the December holidays because it is a Christmas tree made from fingerfoods.

To create this table decoration, you cover a 12-inch styrofoam cone with aluminum foil, and using toothpicks as fasteners, you layer the fingerfoods around the cone in one to one-and-a-half inch layers. On the bottom, put cherry peppers, above that add carrot curls, on top of that layer celery sticks, then next place green olives, after that add radish roses, then midget sweet gerkins, next is ripe olives, and finally on the very top is a cherry tomato.

Cheryl warns that anyone planning to make this centerpiece should check out the sweet pickles when she purchases them, because as Cheryl puts it, "I found out when I made my centerpiece that all sweet gerkins were not created equal." So, for a more uniform tree, check to make sure you get the most uniform pickles in the jar you buy.

Cheryl aslo recommends that you purchase "good" heavy duty toothpicks that will stand the wear and tear of adhering the various relish tray items to the cone. And, if you want to make your tree a little fancier, use cocktail toothpicks with the brightly colored cellophane on the ends

JIFFY SOCK BUNNY DOLL

The third item Cheryl demonstrated was a gift for small children.

"Even before I had my own child, I was always concerned about having nice, soft, safe toys," said Cheryl, who is a new mother.

She went on to say that even though her daughter, Tracy, has lots of stuffed toys, Cheryl wanted to make her something by hand, so she sewed her a sock bunny.

"It's the simplest, cutest little gift you can make a child," she emphasized.

The sock bunny is simply a tube sock, which is a stocking without the heel sewn into it. To make the bunny, all you need is a pair of tube socks in either white, tan, or gray; a piece of pink felt or pink socks; embroidery floss in white, pink, or black; and white yarn.

The directions for making the toy are to first cut a 10-inch piece from one sock using the toe on the top. (Don't cut the sock apart at the top.)

Then, you stuff the tube stocking with stuffing which can be either bits of hosiery, fiberfill, or fabric, and then you gather it together at the bottom and sew it shut.

To make the head of the rabbit, pull the sock in at the top and tie with a string. Then, add the ears.

To form the ears, you use the remainder of the tube sock to make the outer part of the ear, and use pink felt or pink socks for the inner part of the ear. (Refer to the cutouts with article.)

Once the pieces are cut out, you sew each inner ear to an outer ear, leaving one end open so you can stuff it lightly. After the ear is stuffed, gather it slightly at the bottom of each ear and sew to the head.

The next part to work on is the face. It is made by embroidering the eyes, eyebrows, and teeth in black chain stitch outlines. Then, fill in the teeth and the white of the eyes with white satin stitch. The colored part of the eye is black or blue satin stitch and the nose is pink satin stitch. The mouth is made with pink chain stitch. (Refer to pattern with this article.)

When the face is created, the last part of the bunny to be made is the tail. Just make a pom-pom and sew it on.

After explaining how to make her stuffed toy, Cheryl offered some suggestions to all mothers and grandmothers who are going to give this bunny a try. First of all, if polyester fiberfill is used for stuffing, the toy can be thrown right into the washer and cleaned. And, since the toy is made from rather inexpensive materials, you can make a nice gift for any little person on your list for a cost of about $1.50.

One of Cheryl's final demonstrations was on how to make edible candy wreaths and tree ornaments.

To do this, the materials you need are three (¾ pound) bags of red and green candy-coated chocolate bits, plastic wrap, a wire coat hanger, and pipecleaners.

To construct the wreath, you bend the wire coat hanger in a circle. Then, you start to make the candy clusters, which entails cutting clear plastic wrap into six inch squares and placing 12 colored chocolate candies in the center of each square. Then, you gather the corners and twist a pipe cleaner around the ends.

When these clusters have all been formed, you attach each individual one to the wire coat hanger using the hook at the top as a hanging loop. To attach each cluster, you again employ the pipe cleaner.

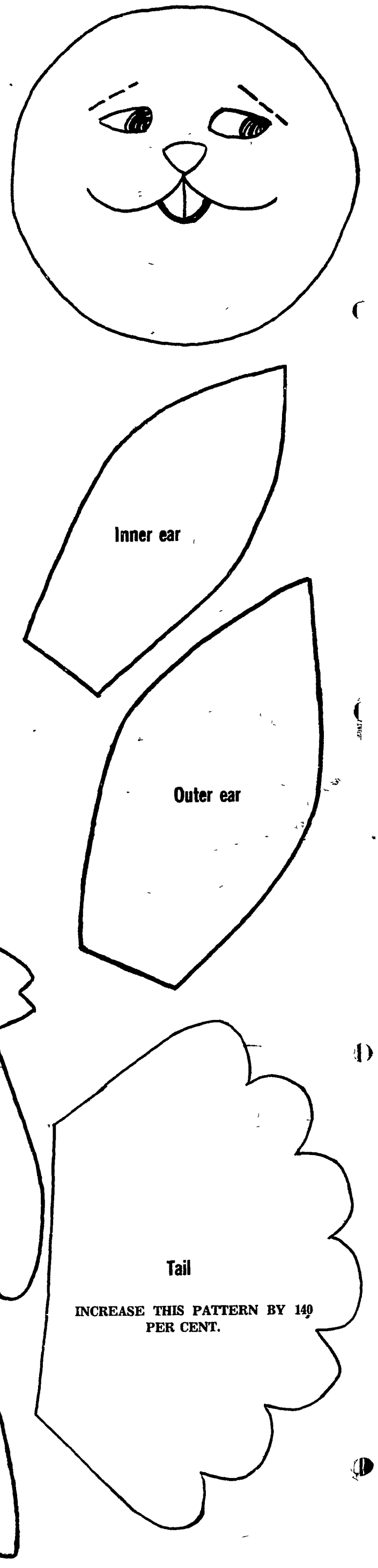
When the hanger is totally covered with clusters, tie a large bow at the top of the wreath at the base of the hook.

The individual balls may be removed for eating without disturbing the wreath.

The ball tree ornaments are made in the same way. First you cut 11-inch squares of plastic wrap. Then you fill the centers with ½ cup of colored chocolate candies and gather the corners and twist the platic wrap tightly, forming a ball. Next tie the twist with a 30-inch length of curling ribbon and form a loop at the top for hanging. And finally, tie a a-12-inch length of curling ribbon at the base of the loop, and curl all four ribbon ends.

Some suggestions which Cheryl passes along for the wreath and the Christmas balls are that first of all, you should be sure to get the heavy duty cellophane, because it is less apt to tear. Also, this wreath should not be transported too many places, because the cellophane, whether it is heavy duty or not, will only take a limited amount of

[Continued on Page 57]



Farm Women Activities Notice

The new year will soon be with us and many Farm Women activities are now in the planning. We'd like to include your activities in our Farm Women's Calendar and will enter all dates in our calendar upon receipt of a Society Yearbook or proposed dates written out on a separate piece of paper. If you are planning to annonce dates when sending in reports, please place them on a separate sheet of paper and print clearly. Please include all information such as the date, place of meeting, time of meeting and any speakers or special events taking place.

We'll be looking forward to receiving your schedule of planned programs! Address communication to Women's Editor - Lancaster Farming - Box 266, Lititz, PA 17543.

Shrewsbury 4-H honors members

SHREWSBURY, Pa. - Four members of the Shrewsbury 4-H Club received special awards at the eighth annual achievement night last month at the Shrewsbury Fire Hall.

Melanie Azbill was named rookie girl, Amy Jo Norek; outstanding junior member; Kay Gantz, outstanding member; and Megan Shaub, achievement.

The high cookie salesman was Jeff Wise.

Following a fellowship dinner, Christine Erb showed slides of her trip to Europe as a 4-H ambassador.

Local awards, presented by Mrs. Robert Shaub and Mrs. Preston Gantz, went to Sandy Deel, junior archery; Jeff Wise, senior archery; Grace Wise, flowers; Brian Palmer, junior gardening; Megan Shaub, senior gardening; Diane Myers, junior foods; Brooke Palmer, senior foods; Sherri Webb, junior candle; Amy Jo Norek, junior clothing; Kay Gantz, senior clothing, Gail Luckenbaugh, junior crocheting; Gary Norek, junior handyman; Laura Webb, senior handyman; Dan Grosberger, electric; Gwyn Jones, junior leather; Susan Jones, senior leather; Terri Graleski, junior food preservation; Karen Webb, senior food preservation.

Potato exports boom

WASHINGTON, D.C. - Triggered by West European drought, world potato production has fallen in 1976 and exports from the U.S.., where output is at a record high, are moving into Europe for the first time in several years. World production fell five percent in 1976 from 1975 levels as U.S. production climbed nine percent to 15.8 million metric tons. U.S. output is expected to account for over seven percent of total world potato output of 218.4 million tons.

U.S. shipments of fresh potatoes for the 1975-76 marketing year (October-September) were 10.6 million per hundredweight - 2.7 times the quantity exported during the same period a year ago.

Know Where the Activities Will Be?
Read the Farm Women Calendar.

Try

[Continued from Page 56]

stress before the little clusters will individually break open and spill their contents.

Following Cheryl's presentation, there were four more segments to the Lebanon Homemaker's Christmas meeting, and each will be featured in the upcoming weeks of Lancaster Farming Newspaper.

Cooking Junior

[Continued from Page 55]

6 egg yolks
½ pound butter
1 pound flour
1 teaspoon soda, sifted with flour
1 tbsp. sour cream

Combine ingredients and roll thin. Bake at 375 degrees F. until light brown. Mixture must be kept warm.

Sadie Oberholtzer
Lancaster, Pa.
Age 13

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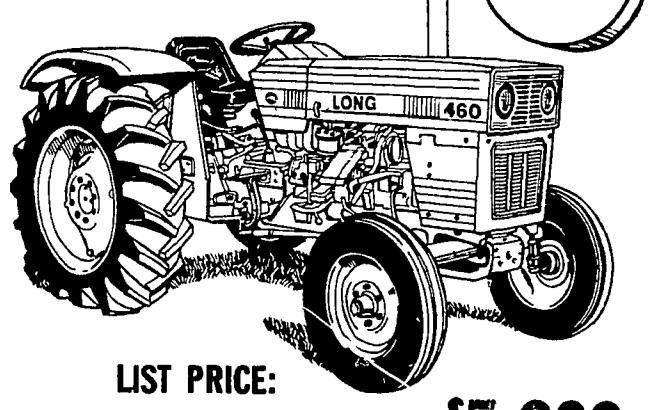

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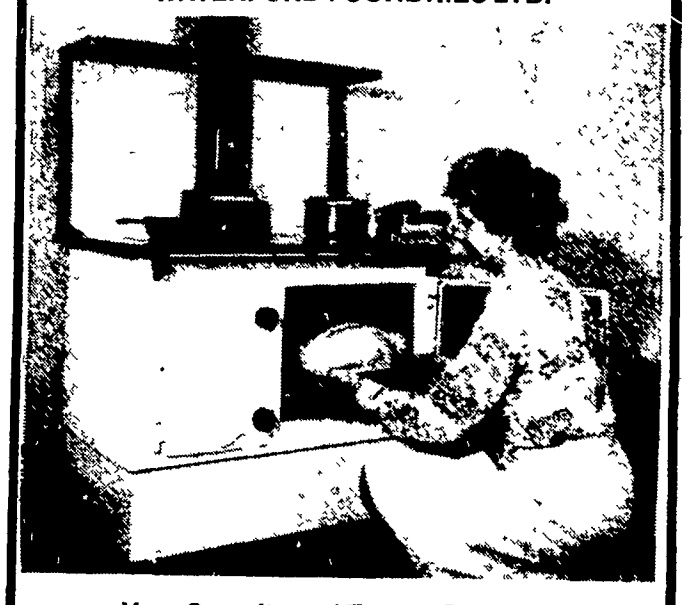

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My Thoughts

By JOANNE SPAHR

Christmas means a lot of things to me, as it does to everyone When it approaches, I know my life will be packed full with family, friends, and most of all - love But, this year, unfortunately, two of my friends I grew to regard quite highly will not be a part of my Christmas celebration, and I must admit, I can feel their absence already

I'm speaking of two people who, I'm finding out through my contact with many farm families in the area, were well-known and highly respected individuals - agriculture photographer Grant Heilman and his artist wife Barbara Whipple

Before their recent move to Colorado, Grant had been my neighbor for as long as my memory takes me back, and he was a man I held in high esteem for both his talent and his unpretentious manner. When I was young, I was in awe of his beautiful "house on the hill' which was quite unusual for the area at the time. Later, as a teenager when I babysat for his son, I not only appreciated the architecture of the house but also the beautiful works of art created in it by both Grant and Barbara

Then, as I grew to career age, a few short talks and some words of guidance on his part partially led to my choice of a career in agriculture journalism, a niche where he had been so successful

But, when they left for the West, I was so busy in my new job that I didn't get up to say a formal goodbye And, now I especially fell the loss since Christmas was when I had grown accustomed to having a visit with them

For the past several years he and Barbara had held a "Come and pick your Christmas tree" get-together for friends, neighbors, and relatives. It was quite an experience to share a conversation with a new, intriguing person over hot cider and cookies The fun of the afternoon wasn't just picking out your Christmas tree for the season, but rather, in visiting the Heilmans, enjoying their company, and meeting their friends.

But, this year that custom will stop, and I won't miss the Christmas tree, but I will miss seeing Grant and Barbara

So, for all the people who I've met in this area who expressed the same sentiments about them, I wish the Heilmans well in this holiday season and hope they are finding new friends and neighbors with which to share the joy of Christmas

Berks Co. Society 8

The monthly meeting of the Berks County Society of Farm Women Group 8 was held at the Berks County Agricultural Center with 15 members in attendance.

Prior to the meeting, Mrs. Faye Strickler, Extension home economist, showed an assortment of gift ideas and decorations to make for Christmas. Groups 2 and 6 were also present.

Dottie Hoffman and Carol Wicks were appointed to audit the treasury books for the year.

Since she was recently elected to the position of county vice-president, Darlene Yost has relinquished her duties as secretary of the group. Shirley Davis was elected to take over the secretarial duties for the remainder of the term.

Shirley Stricker, president, informed the group that the Christmas gifts purchased by the group were delivered to the Hamburg Center. A Christmas gift will be purchased for the group's adopted guest at Berks Heim.

Five members will be representing the group at the state convention in Harrisburg on January 10 and 11.

A Christmas party will be held for group members and their husbands at the Heidelberg Country Club on December 18.

It is now generally believed that seals with their human-like faces were the factual basis for stories about mermaids.

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Bergland eyed for ag post

WASHINGTON, D.C. - Rep. Robert Bergland, D-Minn., is considered the frontrunner for secretary of agriculture in the Carter administration, sources close to the President-elect say.

Bergland and former Gov. William L. Guy of North Dakota had been among those widely considered top prospects for the post.

Bergland has been active on the House Agriculture Committee and is regarded as a leading lieutenant of Chairman Thomas S. Foley, D-Wash. He still operates a 600-acre farm.

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Entertain with new recipes on the eve of '77

By JOANNE SPAHR

Editor's note: The following is the last in a series of articles featuring Extension assistant, Susan Doyle, and her recipe ideas for the Christmas holiday. The recipes were obtained at the Lancaster County Homemaker's Christmas program, held earlier in this holiday season.

New Year's Eve is the infamous "party night", and if you are like most hostesses who enjoy entertaining on that special evening, you may be interested in some new ideas for this year's New Year's Eve supper. Susan Doyle, Lancaster County Extension assistant, has put together some of her favorite recipes to share with other homemakers in the area.

Susan, however, has not compiled the typical Pennsylvania Dutch foods with meat, potatoes, and lots and lots of dough which many of us are used to. Instead, she has planned her menu with a Greek recipe, one using tuna, and another featuring an important commodity from Chester County - mushrooms. So, there will be lots of variety in your New Year's fare, if you decide to try some of her favorites.

For her menu, she has planned Greek Cheese Pastries, Tuna Pate, Mushroom Crepes with Ham, Whole Green Beans topped with Buttered Almonds, Mixed Salad Greens, French Dressing, and Italian Cream Cake.

The Tuna Pate recipe is one that Susan describes as "easy, and inexpensive." Although it is a type of tuna salad, Susan's idea is to put it into a mold to "dress it up" for the holiday occasion. For color she suggests slicing olives and parsley and decorating the mold with these garnishs.

The recipe is:

TUNA PATE

1 (eight-ounce) package cream cheese
2 tablespoons chili sauce
2 tablespoons snipped parsley
1 teaspoon minced onion
½ teaspoon tabasco
2 (seven-ounce) cans tuna, drained

Blend cheese, chili sauce, parsley, onion, and tabasco. Gradually stir in tuna. Pack into a three-cup mold, chill thoroughly for at least three hours. Unmold and serve with crackers.

PASTRY TRIANGLES WITH CHEESE FILLING "Tiropetes"

"Tiropetes" are Greek cheese pastries, and while they are delicious, and novel they are also very time consuming. But, the lifesaver for this delicacy is that the triangles can be done ahead of time and frozen.

The recipe calls for "fila dough". This particular ingredient can be purchased at a Greek or Italian store, and surprisingly enough, looks almost exactly like tissue paper.

"What I thought was the paper covering for the dough actually turned out to be the fila dough, itself," laughs Susan. In handling this ingredient, you take off one sheet of the dough at a time and cut it into three-inch wide strips with a pizza cutter. Then, you fill it, and bake it before you freeze the triangle.

"Fila dough, itself, doesn't freeze very well," says Susan. So, the pastries have to be baked first.

Susan also notes that the feta cheese used in making the triangle pastries can be purchased at the same store as the fila dough.

The recipe is:

1 large package (eight ounce) cream cheese
or one small (three ounce) package cream cheese and one-third pound feta cheese
3 ounces Gruyere cheese, finely shredded
1 egg
2 tablespoons parsley
5 sheets fila dough (approximately 14 by 20 inches). Buy prepared dough from Greek or gourmet shop.
½ cup (¼ pound) butter, melted.

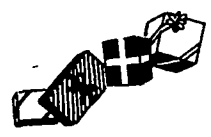
Cream the cream cheese and feta cheese, if used, until light and mix in the Gruyere. Add the egg and beat until blended. Mix in parsley. Lay out one sheet of fila dough and brush lightly with melted butter; then cut into three-inch wide strips about 14 inches long. Place one heaping teaspoon of cheese filling in one corner of a strip, fold over, making a triangle. Continue the folding, making sure the bottom edge is always parallel to the alternate side edge, until you fold over the last triangle at the end of the strip. Place on an ungreased baking sheet. Repeat, until all the filling and fila are used. Bake in 375 degree F. oven for 10 minutes, or until puffed and golden brown. After baking, they may be cooled and frozen. To reheat, place frozen pastries on baking sheet in 375 degree F. oven for 10 minutes again. Makes about 2-½ dozen.

MUSHROOM CREPES WITH HAM

Crepes are the "in" food this year. Several books have been published on how to prepare this food, and Extension courses have been given to help the homemaker learn to make these little delicacies. So, New Years is the time to try them if you haven't already.

The recipe is:

Crepes:
3 eggs
2 yolks (or one additional egg)
½ cup milk
½ cup water
2 tablespoons clarified butter
1 cup all-purpose flour
¾ teaspoon salt



Measure all ingredients into blender and whirl until smooth. Or beat eggs and yolks. Add remaining ingredients and beat until smooth. In either case, let batter stand one hour at room temperature. Put pan on to become very hot. Brush bottom of pan quickly and thoroughly with clarified butter and pour about two tablespoons of batter into pan. Turn and tip pan immediately so that the batter will form a thin film over the bottom. Work quickly, for the crepe will be ready to turn in 15 or 20 seconds. Turn it. Let the crepe cook for another few seconds (about 15) on that side. Remove from pan. Repeat procedure, buttering the pan before each crepe. Makes 24-32 crepes.

Mushroom and Ham Sauce:
3 tablespoons butter
3 shallots or ½ onion, finely chopped
1-½ cup mushrooms
2 tablespoons lemon juice
½ cup chicken broth
8 thin slices of boiled ham
½ cup grated Swiss or Gruyere cheese
¼ cup whipping cream
1-½ tablespoons cornstarch dissolved in 2 tablespoons cold water

Saute onion or shallots in butter until soft. Add the thinly sliced mushrooms. Sprinkle the mushrooms with lemon juice to prevent discoloration. Cook the mushrooms for one minute. Add the chicken stock and cook over high heat, uncovered, for one minute. Lower the heat and add the grated cheese and cream. Do not heat cheese too quickly or it will spin into threads. Add the cornstarch dissolved in water and the mixture will thicken immediately. It should be thick enough to hold its shape in the rolled crepe. Adjust the seasoning, adding salt and pepper to taste. Lay a piece of boiled ham on each crepe. Put about three tablespoons of the mushroom mixture over the ham and roll the crepes. Place in a buttered ovenproof dish and dot the crepes with butter. Bake in preheated 400 degrees oven for 15 minutes. Serve immediately.

ITALIAN CREAM CAKE

Italian cream cake is a three layer cake which is quite unusual and quite delicious, according to Susan who has prepared it several times.

The recipe is:

Italian Cream Cake:
1 teaspoon baking soda
1 cup buttermilk
2 cups sugar
½ cup butter or margarine
½ cup shortening
5 eggs, separated
2 cups flour
1 teaspoon vanilla
1 cup chopped pecans
1 small can flaked coconut

Preheat oven to 325 degrees F. Combine baking soda and buttermilk and let stand a few minutes. Cream together sugar, butter, or margarine and shortening. Add egg yolks, one at a time, beating well after each addition. Add buttermilk alternately with the flour. Stir in vanilla. Beat the egg whites until stiff. Fold egg whites into batter. Gently stir in the pecans and coconut. Bake in 3 (9-inch) greased cake pans at 325 degrees for 30 minutes. Cool. Frost with cream cheese frosting.

Cream Cheese Frosting:
8 ounces cream cheese
½ cup butter or margarine
1 (1-pound) box confectioners' sugar
1 teaspoon vanilla

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Floral expert gives tips for holiday decorations

Good ole' Rudolph lights the way, not with his nose, but with candles in this novel holiday candlestick holder.

The centerpiece was designed by Mrs. Paul Behler, shown here with her holiday creation.

By JOYCE BUPP
York Co. Reporter

YORK, Pa. - In the largest turnout ever, York County Homemakers groups came to garner new ideas and inspiration for holiday decorating at their annual Holiday Meeting on November 30. The 425 women almost overflowed the 4-H Center at Bair, decorated with display tables of novel, creative craft and gift ideas which could be made at home with a minimum of investment.

Sponsored by the Extension Service, the seminar's featured speaker was well-known flower arranger and lecturer, Mrs. Paul Behler, 2350 Sunset Lane, York.

She is a veteran of floral design study and competition and has spent many years researching the customs and symbols of Christmas. A member of the National Council of Flower Show judges, Mrs. Behler will win her Master Judge Certificate in 1977. That achievement will represent 13 years of dedication and study all over the country.

With lively enthusiasm, she inspired her listeners to rush home and begin decorating immediately! Mrs. Behler offered a constant commentary on the symbolism of Christmas as she deftly arranged various decorations. She broke the presentation into groupings, or "vignettes" of decorating themes.

"Make a few things that go together and use them in your home," encouraged Mrs. Behler. "Too many times, we make a lot of unrelated decorations that really have no meaning. If you know a bit about the background of your creations, they'll mean much more to you."

"If you see something you like, but it really doesn't fit in with your theme - make it and give it away as a gift. Let it clutter someone else's house!" she quipped.

The talented speaker began each grouping of decorating ideas with a door swag.

"What is on your door should symbolize the decorations found throughout the remainder of the house," Mrs. Behler pointed out.

Many of our customs today trace back to the Roman god, Saturnalia, who freed the slaves for a day. When the pagans converted to Christianity, they took many of the customs with them and gave them Christian meanings.

Evergreens became the symbol of everlasting life; and the circle of the wreath shape symbolizes the eternity of God.

DECORATING TIPS

Mrs. Behler offered some holiday decorating tips for beginners or for those who are simply unaware. First of all, she suggested cutting evergreens well ahead of time, placing them in a deep bucket of water to which one spoonful of household fertilizer has been added, and then keep them in a cool, protected place outside the house, where they will not dry out.

For a door swag, bend a coat hanger to the desired shape, cover with aluminum foil, and wire the greens to the hanger. The hook can be used to position the finished swag.

"Make your focal point ahead of time and add the greens last," she stressed. Any evergreen can be used, but hemlock is not recommended because its needles drop so quickly.

Mrs. Behler used roses to carry out one theme. She included dried roses in a garland, emphasizing that any dried materials should be added last, since they tend to break quickly when handled.

Wreaths were made for the same theme by wrapping a metal wreath form with panty hose, into which evergreen clippings can easily be tucked. Also recommended were stapling magnolia leaves to a wreath-shaped piece of cardboard. Dried or fresh roses could be added last.

A centerpiece in the rose vignette included a salute to the god of food and drink, Bacchus. The arrangement included artificial grapes, the only non-natural material ever used in Mrs. Behler's creations. She replaced all plastic grape foliage with natural ivy, washed and held in a cool place until needed. Finishing the centerpiece were the roses.

"If you're trying to impress someone, or have a little extra holiday money, add fresh roses," she added, with a twinkle in her eye.

Ferns are another fresh green that can be successfully used in holiday decorating. The fern represents the New Testament and is the oldest plant on earth. It symbolizes the Immaculate Conception because it is a plant which reproduces with no apparent sign of flowers or a seed pod. Because of the absence of flowering, the ancients believed the plant to be miraculous.

EUROPEAN CUSTOMS

European countries incorporate straw for many decorations, and Mrs. Behler

[Continued on Page 62]

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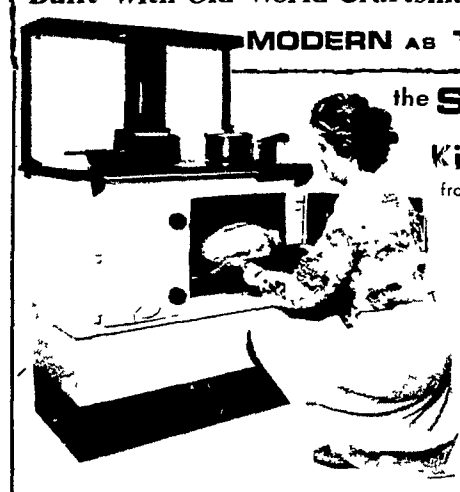

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IFYE describes educational system in Trinidad

Editor's note: The following is a newsletter written by Raelene Harbold, Lancaster County's International 4-H Youth Exchange delegate to Jamaica-Trinidad-Tobago. Her visit to those countries began on August 15 and will conclude this month.

The IFYE program is sponsored by the National 4-H Foundation in behalf of the Cooperative Extension Service. Funds for this exchange were raised locally by 4-H clubs, women's groups, agriculture groups, service clubs, and agribusinesses, along with the National 4-H Foundation. Contributions will still be accepted and can be made to Lancaster County IFYE Fund, treasurer J. David Lapp, 392 Myer Terrace, Leola, 17540.

Raelene Harbold

EDUCATION IN TRINIDAD

As I entered the primary school there was a whole group of children dressed in identical clothing. The "school uniforms" are required in all schools in Trinidad. Each has its own color or style of uniform so the residents can easily identify the children with the educational institution they attend. It gives the school some identity as well as a feeling of unity and pride. In many cases it is beneficial to parents because it saves on the expenses of school clothing.

In the primary grades, the size and structure of the classroom varies greatly. In most cases the classes are large and the only separation between the classrooms are blackboard partitions.

As I observed for the first time, I could not imagine how they could teach under these conditions, but as I watched for a while it was quite evident that it was being done successfully.

The primary student begins school at age five. For two years they are in a class such as our kindergarden. At seven they enter "standard one" which is equivalent to our first grade. They continue to "standard five" at which time they must take the "common entry" exam. This test is one of great importance because it determines the outcome of all further education.

If the test is passed, the child goes on to the Junior Secondary school. If he fails, he may not enter the Junior Secondary, and at this point he either must go to a private school and pay tuition or remain in the primary school for two more years.

Most of these families cannot afford private schools so when the child has completed the post-primary years he again takes an exam. If he passes this one he is given a certificate and his mandatory education is finished.

The need right now in Trinidad is for vocational schools for these children, since the certificate means very little when applying for jobs. The government has seen this need and has recently opened some vocational schools and is in the process of building others.

Those students who pass the "common entry" test, however, enter the Junior Secondary school. This lasts for three years, from ages 12 - 14. Again, at completion of these three years the students must take an exam. The results of this exam determine which Senior Secondary school they will attend. Those who receive the highest grade will attend the same school, and so on down the line. Here again, is the need of specialized areas of teaching.

At Senior Secondary school the children attend for two years and again they take an exam. These exams determine the amount of "O level passes" they will receive. These are subjects the student has successfully completed. In other words if a student passes math, English, and history, he receives three O level passes.

The majority of children leave school at this point to find jobs. But the jobs are not readily available. Due to the large number of students and a small availability of jobs, the unemployment rate is quite high. Another problem is that employers are looking for people who have "A level passes." These are the students who enter advanced level after the Senior Secondary school. At this point the student can study a specific area such as our commercial, academic or vo-ag courses.

These are the ones who are the cream of the crop, so to speak. They have been able to stay on the top at all exam levels.

How does all of this compare to our standard of education in the United States? The main feeling is that the student at elementary levels here in Trinidad is much ahead of those in the United States. The reason for this is that the main emphasis here is for the child to pass the common entry exams. Our educational system seems to put a stronger emphasis on the junior high and senior high school levels.

Who can say which is best? In both cases the need for specialized training of teachers and pupils is becoming more and more necessary.

Too often the emphasis on the importance of education is not strong enough and the children realize it too late. Only after they can't find jobs do they become aware of the growing necessity of a good education.

We must remember the school, school system, or the teacher cannot do everything. We must continually strive and work at improving ourselves.

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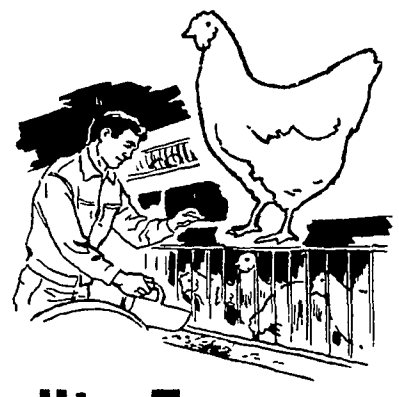

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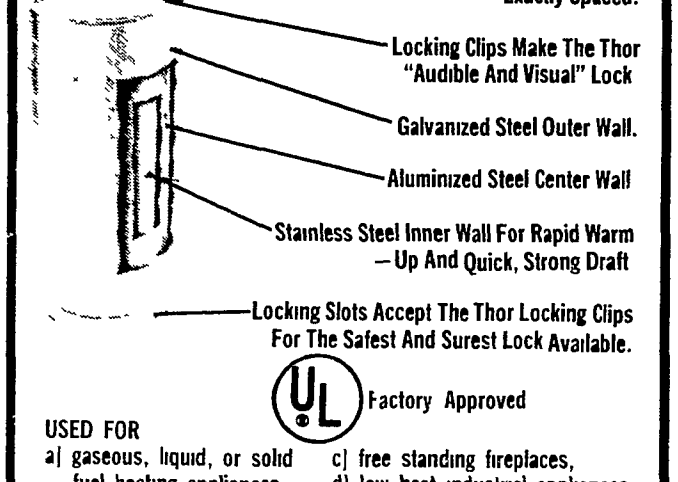
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Polish Christmas customs inspired this straw wreath. To make a wreath, soak straw in water, then drain. Tightly fasten the damp straw to a metal wreath form, wrapping it with fine wire or strong twine. Add bows, balls, bells or baubles as you like.

Floral expert

(Continued from Page 60)

focused on the customs of one of these countries - Poland.

There, a shock of grain is stacked in each corner of the family dining room, and wreaths of straw are constructed. On Christmas Eve a child is sent outside in early evening to find the first star. When that star appears the Christmas observance begins. At bedtime, the children go to sleep on straw pallets on the floor, commemmorating the Holy Family taking refuge in the stable.

WREATH FOR BIRDS

Mrs. Behler enjoys making food wreaths for the birds and recommends them to anyone who enjoys watching small animals and birds feeding. On a greenery background, she tied small bundles of grain, suet balls, and cross-cut pieces of apple stuck to the wreath with long protruding wood skewers, which the birds can perch on while eating.

During the harvest in Scandinavian countries, farmers set aside special bundles of grain just for the birds. At Christmas, the sheaves are placed on the barn roof or atop a tall gate post. This custom can be adapted by placing a broomstick in a block of wood, tying stalks of grain to the top it it, and placing it out into the yard.

FAMILY TREE

One very special suggestion Mrs. Behler included was starting a "family tree" tradition. Each year when relatives gather to celebrate the holidays, decorate a small tree with remembrances from them. Her "family tree" includes wedding rings from her mother and grandmother and a stick pin from Germany that belonged to her grandfather.

"In this way, each past member of the family can be with you in a very special, loving way," Mrs. Behler fondly explains.

"And, by all means, decorate your home for Christmas. But remember, nothin' says lovin' like something from the oven," concluded the talented holiday decorator.

Included in the presentation was a recipe which she uses to make durable, inexpensive molding material. The mix can be worked like bread dough, oven dried and then painted.

DECORATOR BREAD DOUGH

4 cups all purpose flour (not self-rising)
1 cup salt
1½ cups water

Mix flour, salt, and one cup of the water. Continue adding small amount of remaining half cup of water, just until mix is slightly tacky. Knead until soft. Mold into shapes, or roll and cut. Bake for one hour at 350 degrees F. When cold, paint, and shellac as desired. If finished design is to be hung, place a hairpin in the dough while baking. Remove when cold.

POMANDER BALLS

(An excellent project to keep the children occupied for a few minutes!)

Stick whole cloves, close together, covering a lemon or an orange. Fasten a bow and a hook to the top. Finish with a small pine cone fastened to the bow.

The Extension Service prepared and served a special hot tea mix during the lunch break. After several requests, they shared the recipe.

SPICED TEA

1 pound 2 oz. jar of Tang
1 cup instant tea
1 quart dry lemonade mix
1 teaspoon each cinnamon and cloves

Mix ingredients well and store tightly covered. Add spoonful of mix, or as desired, to each cup of boiling water.

Berks Co. Society 6

The Berks County of Farm Women Group 6, held their Christmas party at the Exeter Restaurant on December 3. Thirty-eight persons attended. Rufus Brubaker, Manheim, showed a film entitled, "Beautiful America".

There was a short business meeting following the dinner. Mrs. David Hauseman and Mrs. William Koch will be the two delegates from the group for the state convention to be held in Harrisburg on January 10 and 11. Mrs. Richard Schlegel will also be attending the convention January 11.

Secret pals names were revealed at this time and new ones selected for the coming year.

The January 18 meeting will be at the home of Mrs. William Mest, Oley, R2, at 8 p.m.

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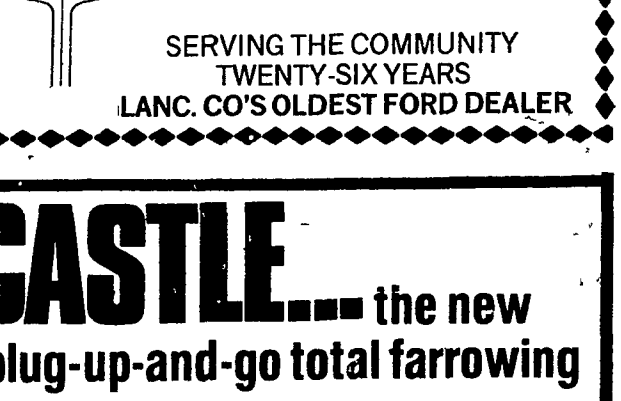

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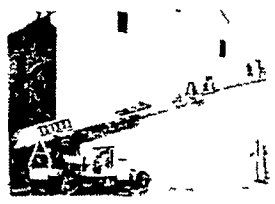

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Nestled in the southern York County hills, the Masimore farm still boasts its old blacksmith shop, extreme left foreground, where German immigrant Henry Zeigler made his living forging tools and making repairs for neighboring farmers.

Bicentennial farm

Farm has history book heritage

By JOYCE BUPP
York Co. Reporter

GLENVILLE, Pa. - "We are hardly an inch high in courage compared to those people who came across the ocean to settle this country," states Mrs. Vernon Masimore with unabashed admiration showing in her voice.

Over 100 years later, this Glen Rock R3 country woman shares with deep pride the story of how her ancestors left the relative security of an established Europe for the uncertainties and challenges of the New World.

"Henry K. and Christian B. Zeigler, my grandparents, probably began housekeeping about 100 years ago on this farm," Fairy Masimore guesses. Her assumptions are based upon old deeds to the land that have been passed down from owner to owner with the property title changes. Well-guarded by the Masimores, the documents are amazingly well-preserved and fascinating to read.

"My grandfather fled Germany to avoid conscription in the military and because he believed in the promise of a new beginning here." says Mrs. Masimore, adding, "Conscientious objectors are not something new."

"It was common in those days for an individual to come and then send for relatives as they could accumulate funds to send back to the family," she explained. Henry's sister came first. She then sent for him; he in turn later sent back for others in the family. His arrival in America was first in Baltimore.

Even though he wasn't a U. S. citizen at the time, Henry Zeigler fought for the North in the Civil War.

"A man from nearby New Freedom paid my grandfather $300 to take his place in the war," points out Fairy. "That was an acceptable thing to do in those days." He served in the 166th Regiment of the Pennsylvania Militia in 1862. Nine months after entering the service, Henry received an honorable

[Continued on Page 86]

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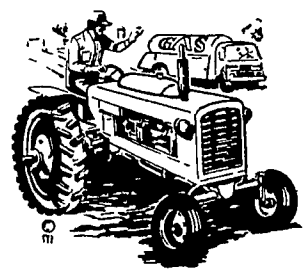

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Farm women treated by Harvestore . .

Cheryl Tevis

Elaine Benner

By JOANNE SPAHR

STRASBURG, Pa. - Over 350 women from Lancaster, Berks, Chester, Lebanon, and Lehigh Counties plus several representing South Central New Jersey and parts of Maryland, assembled at Historic Strasburg Restaurant, here, last Wednesday, to be wined, dined, and entertained by Penn Jersey Harvestore of New Holland.

This annual luncheon is in its ninth year now, and has grown nearly ten times since the first gathering back in 1968 when 35 to 40 owners' wives were guests.

According to Robert McLean, sales manager for the company, the purpose of the get-together was to provide the ladies with a pleasant afternoon comprised of good company and light entertainment.

And, from the din of over 350 women happily chatting and socializing, it appeared that the goal was accomplished.

The first item on the agenda was a movie discussing the Harvestore product, and farm wives' reactions to it. Folling this, Mrs. Dottie Pettit, national winner in Harvestore's essay contest, spoke on her feelings about Harvestores and her experiences as the national essay winner. The Pettits are New Jersey dairy farmers who now own five of the big blue silos.

Later on in the program, Cheyl Tevis, associate editor of **Farm Wife News**, a national magazine written specifically for farm women, spoke on the farm wife's role in agriculture.

Saying that farming has always been open to women, Miss Tevis went on to name dates and accomplishments of women in agriculture.

Starting back in pioneer days, she noted that when New York State was first settled by the Dutch, there are records of women taking care of the farms while the men went on hunting excursions. Then, in 1864, a USDA bulletin reported that three out of four farm women worked harder than any other woman at that time.

And, moving up to the Civil War, it is a well-known fact that when their husbands were off fighting, farm wives were left to take care of the farms and plantations on their own.

Women have also been key figures in the silk industry, and were, in fact many of the founders of the indigo industry in the South.

As the years in the chronology progressed and the dates came closer to the 20th century, women became more and more influential, until at present, many have formed their own organizations such as American Agri-Women, the Kansas Wheathearts, and many others, and are speaking out on their own for agriculture.

Noting that men rarely can afford to take time off from the farm to promote agriculture, Miss Tevis challenged the women to go out and take the promotional responsibilities on themselves in whatever way they see possible.

"There is no one way to speak up for ag," Miss Tevis said. To back her statement up, she cited several examples of women in promotional efforts. One such example was Doris Royal of Nebraska, who without the help of any organizations to back her, was responsible for collecting 231,261 signed petitions for the revision of the inheritance tax law. Due to her efforts, the law was revised last month - two years ahead of schedule.

Of course, not everyone can afford to take on the challenge that Doris Royal did, so Miss Tevis named other ways for women to do their part. She suggested writing letters to congressmen, or writing letters to any news media if it has falsely represented any area of agribusiness.

"You can promote agriculture in any way you like," she stated. "You can work individually or as a member of a large group. Either way, the promotion of agriculture is a prime concern," she concluded.

The final speaker of the afternoon was Mrs. Elaine Benner, chairman of the state women's committee of the Pennsylvania Farmer's Association and member of the state board of directors. Mrs. Benner is from Snyder County where she and her husband farm 400 acres and run a dairy operation with 70 head of Holsteins.

Speaking on "The Spirit of '76" Mrs. Benner charged all the women present to "pass on the democratic principles of the nation which have made us great."

At the conclusion of the luncheon, door prizes were awarded.

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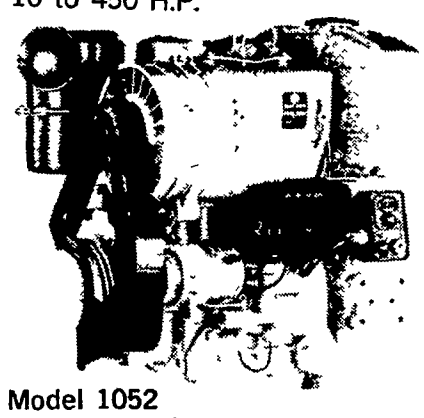

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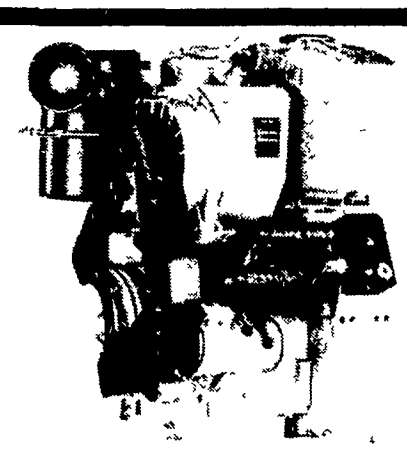

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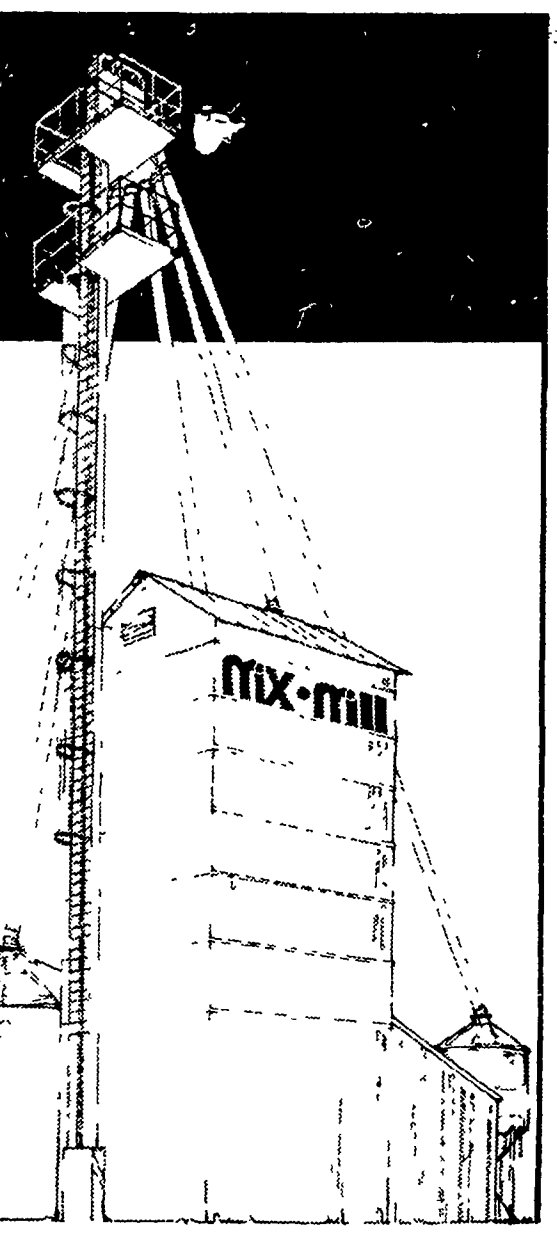

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FFA American Farmer operates new type farrowing house

By JOANNE SPAHR

LANCASTER, Pa. - About two years ago Cliff Charles, Lancaster R2, began working for his FFA American Farmer degree. Until that time, and even to a small degree while he was working towards his goal, he had the feeling that American Farmer was something too big for him to attain.

"I just never thought I'd be able to get it," says the 21-year-old farmer. But, as time went on, the goal became less elusive, and just last month, he and his bride of almost three months, the former Nancy Herr, made a trip to Kansas City, where along with some 700 others, Cliff became the recipient of the coveted degree.

To earn the title, he mastered an expertise in the area of swine production. At present, his herd, which he owns in partnership with his father, Abram, is comprised of about 100 sows and gilts and is a feeder pig operation.

Many of the animals from Cliff's stock have won championship titles in the past two years. Just this year alone, he had the grand champion of the Lancaster County FFA Hog Show where he was named champion breeder-exhibitor. Later on in the season, he had the champion at the Lampeter Fair and the champion pair at the Manheim Fair.

Seen from the inside, the isolet units have a "pig savor" heater in one fenced off corner, which Cliff says prevents the sow from laying on the litter.

"All my champions come from one boar," says Cliff with a grin, "so he's paid himself off in prize money." That boar was purchaed in 1974 and was the first good boar Charles had. With his integration into the herd, the swine Cliff produced became of top quality.

"A good boar and good breeding are the keys to a top herd," says Cliff. "That's what I'd really like to get into-buying top boars." At present there are six in the herd.

Cliff also believes that hand breeding, or selecting the boar with which the sow is to mate, is another key management practice in owning a top herd.

"When you hand breed a sow, you know who she's bred to," explains Cliff. "It takes time but you come up with a better grade and yield."

And, while he has never done artificial breeding before, next month he is going to try it to see the

[Continued on Page 71]

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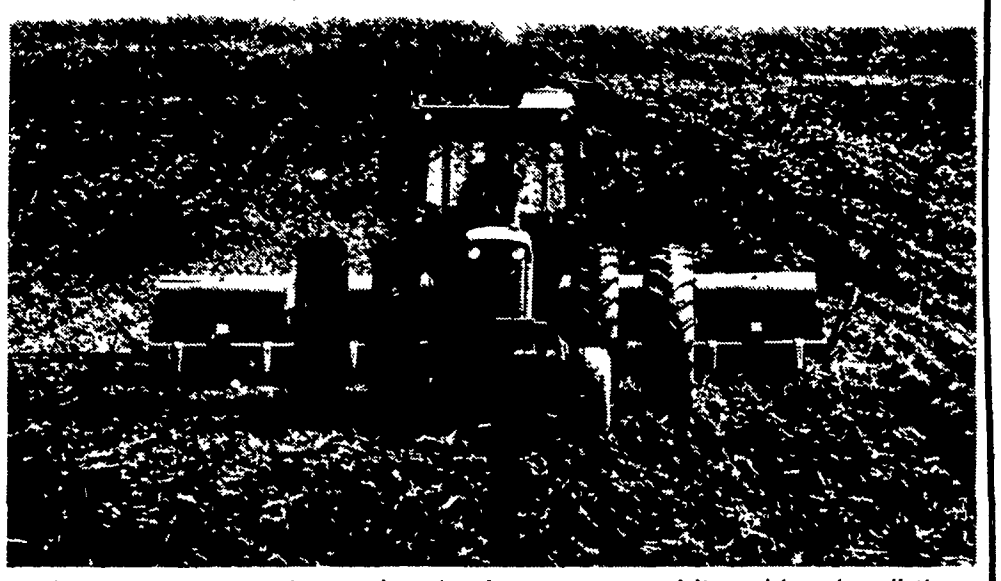

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Class I milk price for Jan. same as Dec.

ALEXANDRIA, Va. - A January 1977 Class I milk price of $11.04 per hundredweight was announced last week by Middle Atlantic Market Administrator Joseph D. Shine. The price is unchanged from December 1976 and is 58 cents below the January 1976 Class I Price. The November butterfat differential is also unchanged at 10.4 cents for each tenth of a pound of fat. Order No. 4 prices are announced for milk testing 3.5 per cent butterfat, f.o.b. plants located within 55 miles of Philadelphia, and also within 75 miles from the nearer of Washington, D.C. or Baltimore, Md. There is also a six-cent direct-delivery differential applicable to producer milk received at plants located within 55 miles of Philadelphia.

Shine also announced a Class II price for November 1976 of $8.34 per hundredweight. This price is also unchanged from the previous month and is 58 cents below last November.

These class prices are based on the November Minnesota-Wisconsin manufacturing milk price of $8.26 per hundredweight for 3.5 per cent milk.

The USDA reported that the wholesale Grade A butter price at Chicago during November was 90.82 cents per pound and the nonfat dry milk price for the month was 62.60 cents per pound, f.o.b. plants in the Chicago area.

Pay day may change

NEW YORK, N.Y. - The U.S. Department of Agriculture has recommended amending certain payment provisions of the federal milk marketing order which regulates the handling of milk in the New York-New Jersey marketing area.

The order sets the minimum prices, based on supply and demand, that milk dealers or handlers must pay for milk purchased from individual dairy farmers or from dairy farmer cooperatives. The recommendations concern the timing of the payments.

Specifically, the recommendations would fix the 19th day of the month as the date by which cooperatives must receive payment from handlers at applicable class prices for milk delivered during the previous month. Halnon said presently most processors who buy milk from cooperatives must pay the cooperatives by the 15th of the month. Processors who buy milk from individual producers, however, need not pay for it until the 25th of the month. Cooperative representatives testifying at the hearing urged that this 10-day difference be reduced to 6 days.

Another amendment would change the dates for making payments to and from the producer-settlement fund, from the 18th and 20th, respectively, to the 21st and 22nd of the month.

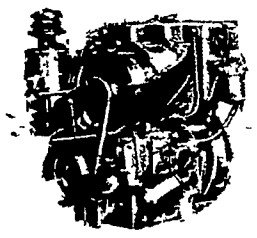
Other hearing proposals to requre handlers to make partial payments to cooperatives and producers, and to advance the date for final payments to producers, have been denied, based on the hearing evidence.

Recommendations on the proposed amendments appeared in the Dec. 6 Federal Register. Comments may be filed, in four copies, until Dec. 21, with the Hearing Clerk, USDA, Washington, D. C. 20250, where the public may review them.

Bee course available

UNIVERSITY PARK, Pa. - Now that honey harvesting is over for the hobbyist or the apiarist, bees must be readied for winter. A correspondence course from Penn State lists steps to take for fall management for bees, such as providing quality food, top and bottom entrances to the hive, uniting weak colonies, and weatherproofing summer stands.

In general, bees need no winter care. Penn State experts feel if bees are properly cared for in the fall, no winter management is necessary. For a copy of this course, send a check for $5.50 to "Beekeeping," Box 5000, University Park, Pa. 16802. Make the check payable to Penn State.



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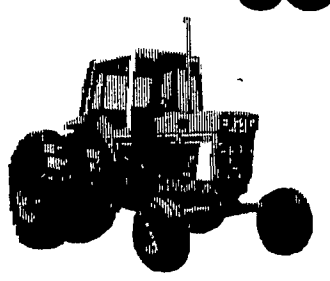
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Heisey named chairman

CHICAGO, Ill. - Enos B. Heisey, manager of public-agricultural relations for Agway Inc., has been named chairman of the National Farm-City Council, Inc. for 1977 at the organization's annual meeting in Chicago recently. The council, a voluntary group of 150 organizations with interests in agribusiness, promotes better understanding between rural and urban segments of society.

Heisey and his wife Jane live in Manlius, N. Y.

ANCA issues caution on pay pacts

DENVER, Colo. - Cattlemen who sign agreements with packers authorizing the mailing of checks may be jeopardizing some of their rights under the new prompt and assured payment provisions of the Packers and Stockyards Act, according to the American National Cattlemen's Assn.

Repeating previous warnings along the same line, ANCA issued its cautionary statement after a meeting of ANCA and other cattle industry representatives with top P & SA officials in Washington.

Packers have been actively seeking signed, long-term agreements to allow them to automatically put checks in payment for livestock into the mail by the close of the business day following transfer of possession.

"A P&SA spokesman told packers that this practice was legal," said Wray Finney, ANCA president. "However, it appears to us and our legal counsel that there still is a question as to whether this procedure constitutes extension of credit to buyers of livestock. Any such extension could void the rights of cattle sellers to protection under the law's trust provisions, which are designed to give livestock producers first claim on assets in the event of packer bankruptcy.

"Obviously, any cattleman may sign an agreement if he wishes to do so, but the matter still has not been clarified as to its consequences, and cattlemen should be aware of that if they enter into agreements."

ANCA Attorney Jim Kreutz pointed out these reasons why it may be unnecessary or inadvisable to sign agreements:

The law states that if the livestock seller or his representative is not present to receive payment at the point of transfer of possession, the packer is to wire-transfer funds or place a check in the mail by the close of the next business day. Thus, the burden of making payment promptly is on the packer, and if the seller is not present, the packer will not violate the act if he puts the money on wire or in the mail by the close of the next business day. A written agreement is not needed to authorize the mailing of a check under those circumstances.

Another part of the law deals with any agreements as to payment between sellers and purchasers, and it states that such agreements are subject to terms and conditions as the Secretary of Agriculture may prescribe. The Secretary has not yet written any rules or regulations to cover such agreements. At this time, it still appears that the proposed agreements may represent an extension of credit, and this could jeopardize the trust provision.

If the terms of the proposed agreements are in full compliance with the prompt pay provisions of the law, then one might ask why a written agreement is needed at all. The intent of the law is that the seller should have the option as to payment method at each sale.

The law states that any attempt to delay payment will be considered an unfair practice. Normally several days elapse between the mailing of a check and the time when it reaches the packer's bank. Agreements which in effect authorize this delay conceivably could be interpreted as being an unfair practice in violation of the act.

At the Washington meeting, ANCA requested that P&SA issue an official opinion indicating that the agreements being solicited by packers are legal and will not jeopardize the trust provision, or an opinion acknowledging that such agreements pose legal questions and are subject to interpretation as to prompt pay compliance and effects on the trust provision. To date, Finney said, no official opinions have been received from P&SA.

Charolais Assn. buys magazine

HOUSTON, Tex. - The American-International Charolais Assn. has taken a purchase option on the North American Charolais Journal, with plans to distribute the first association-owned edition with the March 1977 issue.

The association's board of directors agreed upon the purchase plans at its recent meeting in Louisville, Ky. The present owner, Charles W. Whitney, will serve as a consultant to the association for a six-month period as part of the purchase agreement.

"This is an aggressive, forward move of the association," stated Dr. J. W. Gossett, executive vice president. "An association-owned publication can do much in providing additional service to the membership and in improving communications to that membership."

The Journal currently is published at Irving, Tex., and previously was known as the Charolais Way, with headquarters in Mt. Vernon, Ohio, where it was established by Whitney seven years ago.

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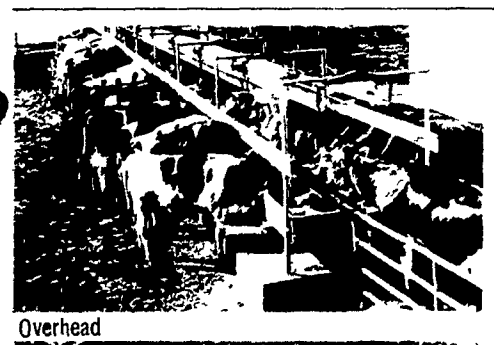
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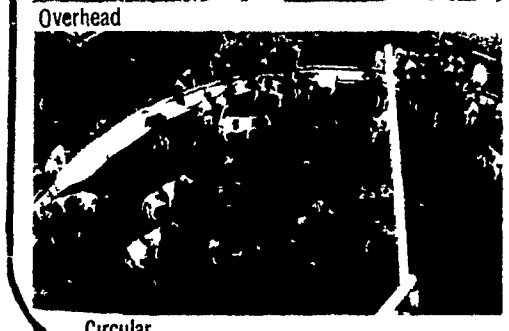
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Distinguished junior members at the Berks County Holstein Association annual meeting were: (left to right) Connie Ohlinger, junior girl; Kevin Sattazahn, junior boy and second runner-up in the state Holstein Association Distinguished Junior Member contest; Scott Miller, first runner-up in the state Distinguished Boy competition; and Karen Sattazahn, Berks Co. senior distinguished girl.

Awards given at Holstein Assn. annual meeting

By JUDY MITCHELL
Berks Co. Reporter

SHARTLESVILLE, Pa. - The presentation of achievement awards to Junior Association members highlighted the Berks County Holstein Association annual meeting held at the Shartlesville Grange on Dec. 4.

The award program, conducted by Junior Association President Sue Seidel, who was assisted by Vice-President David Schantz, first honored this year's Distinguished Junior Members: Connie Ohlinger, of Mohrsville R1;, junior girl; Kevin Sattazahn, Wolmelsdorf R1, junior boy; and Karen Sattazahn, Womelsdorf R1, senior girl.

Scott Miller and Kevin Sattazahn, first and second runners-up, respectively, in the State Distinguished Junior Membership contest, were cited for their showing in that event, as were state finalists in the senior division, Sharon Troutman and David Schantz.

Awards were also presented to junior members whose registered Holstein's showed the highest milk and fat averages for this past year.

David Schantz took both the milk and fat honors in the two-year-old class with his cow's average of 18,347 pounds of milk and 806 pounds of fat.

In the three-year-old category, Sharon Troutman's animal recorded the highest milk figure with a 20,640 pound average, and Debbie Stump's cow earned Debbie the fat award with a recorded average of 764 pounds of fat.

David Schuler had the winner for both milk and fat in the four-year-old and over class. His animal recorded 20,438 pounds of milk and 834 pounds of fat.

Awards for outstanding achievement in fitting and showmanship were presented to Connie Ohlinger, named grand champion fitter at the Kutztown Fair this summer, and David Schantz, the grand champion showman at Kutztown.

The Junior Association presented a special award to the Daniel Harnish family for hosting this summer's Junior Holstein Association Field Day. In appreciation of donating their time and facilities for that event, the Harnish's received a registered Holstein sign for their operation, Danvale Farms.

Elwood Ohlinger, president of the Berks Co. Holstein Association who presided over the business portion of the banquet meeting, touched on some of the highlight events of the past year. He made special mention of the accomplishments of the Berks County junior members in dairy events during the past show season, pointing out that Berks Co. youth took all first place honors in the cow categories at the Junior 4-H Show in Allentown, entered the grand champion cow at

[Continued on Page 77]

Milk and fat award winners at the Berks County Holstein Association annual meeting were: (left to right, front) Sharon Troutman and Debbie Stump; (left to right, back) David Schantz and David Schuler.

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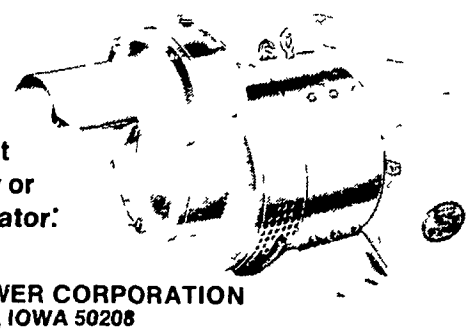

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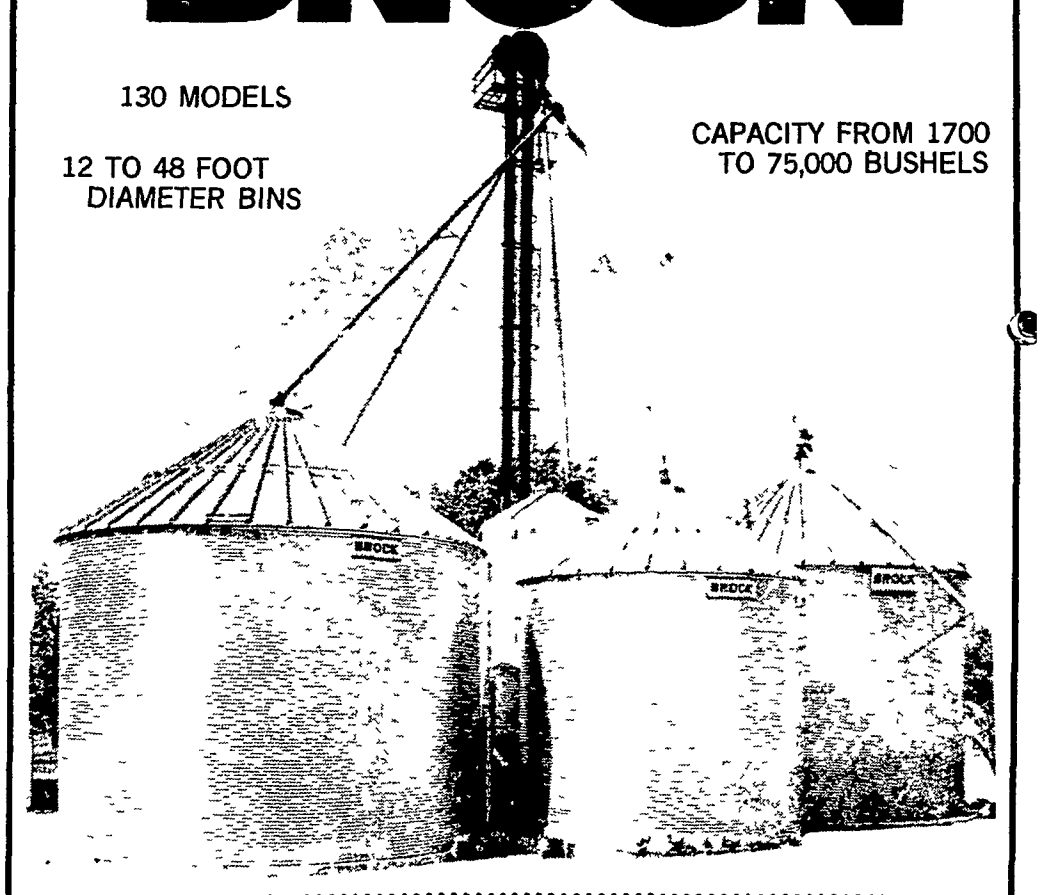

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Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

FOR CHRISTMAS TREATS SOME SAVINGS TRICKS

If the need for Christmas gift money has you robbing Peter to pay Paul, or even going into debt, why not begin now to think about planned and systematic savings for next year?

It's not easy. Many of us tend toward good intentions while the bite is on. Then comes the end-of-seasonsale, a leak in the roof, or a yen for a vacation - and out the window goes the plan.

For this reason, most banks across the country offer an incentive to help you fulfill your 12-month goal. It's called a "Christmas Club." This account is designed to promote systematic savings by providing you with a reminder coupon for the amount you determine you want to save weekly, biweekly, or monthly.

When you sign up for a Christmas Club account, be aware that you are signing a contract which includes certain stipulations. Generally, these are printed in the coupon booklet and include such things as forfeiture of interest if you do not complete the on-year payments.

Questions have been raised about some banks not paying interest on Christmas Club accounts. The reason is an economic one. The deposit amounts are often too small to offset the expenses involved in handling the paperwork.

Actually small-and medium-size banks lose anywhere from 73 to 87 cents per account even without paying interest. (This according to the Federal Reserve Board, which analyzes bank costs each year.)

If you're loaded with will power and anxious to have your money earn interest, it's easy to arrange. Open a regular savings account, write out a payment schedule for yourself - and stick to it.

You could even dream up your own penalties for skipping a payment. And, plan a reward for yourself at the end of your 1977 Christmas shopping spree with a special treat paid for out of the interest earned.

Or, you could arrange for your bank to automatically transfer a set amount from your checking to your savings account each month. You might even begin a dime or quarter collection at home and periodically deposit all coins of that denomination in your account. Tricks? Yes, but tricks to provide nice treats - this time next year.

DON'T LET SEASON TO BE JOLLY BECOME DISAPPOINTING

Gala celebrations are the order of the day for many people throughout the Christmas season. Although, they don't happen often, sometimes avoidable tragedies do take place.

For instance, there may be a party table loaded with a beautiful center piece of Christmas greens and lighted candles. Perhaps we should remind ourselves that when dry, Christmas greens are a pitch-filled tinder box ready to burst into flames with the help of a tiny spark. And paper streamers forming a canopy overhead, right over tall, flickering candles, create a perfect situation for fire.

Plan now to use safe and attractive center pieces made of non-flammable materials. Toy santas and raindeer, standing on unframed wall mirrors may look very wintry, but be sure the toys are not made of paper, cotton, or plastics which are flammable. The same applies for mantle and window decorations.

When buying decorating materials, insist on having only those that have been flame-proofed. Cotton batting, crepe paper, even paper table cloths can be made fire-resistant. The best rule concerning candles is to avoid using them during this season, especially in situations where the parties are likely to be somewhat active. Why not use an electric candle in the window, but do not place decorations near it.

Farm prices drop

WASHINGTON, D.C. - The Index of Prices Received by Farmers decreased five points (three per cent), to 173 per cent of its Jan.-Dec. 1967 average during the month ended Nov. 15, USDA reported recently.

Contributing most to the decrease since mid-October, were lower prices for feed and food grains, grapefruit, hogs and cattle. Higher prices for eggs and soybeans were partially offsetting. The index was 11 points (six per cent) below a year ago.

The Index of Prices Paid by Farmers for November 15 was 193, down one point (one-half per cent) from a month earlier. Lower prices for feed, feeder cattle and food items more than offset higher prices for other index items. The index was nine points above a year earlier.

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Talmadge takes cautious look at future

Ag is 7x bigger than auto industry

EDITOR'S NOTE: The following is a condensation of a speech given on Dec. 6 by Senator Herman Talmadge, (D. - Ga.), chairman of the Senate Committee on Agriculture and Forestry, United States Senate.

CHICAGO, Ill. - You give me a big order today - to discuss the legislative outlook for the agricultural sector.

It is essential, in discussing the legislative outlook for agriculture, that we know first where agriculture is today.

And one thing that we know for certain is that agriculture is big business today. It is enormous business. It is important business.

The American food and agriculture system is a 530-billion-dollar industry. That's about seven times the size of the automobile industry.

It involves up to 17 million workers. That makes our food system one of our nation's biggest employers.

And it makes the health of the agricultural sector most essential to the health of the American economy at large.

Our food system is also one of the most efficient in the world.

Today, our farmers produce 53 per cent more crops on six per cent fewer acres than did their fathers.

Today, the average U.S. factory worker pays 27 per cent less of his hourly earnings for a loaf of white bread than he did 25 years ago.

Part of this is due to better productivity in the food marketing system. Much is due to improved production on the American farm.

Each of us has a stake in the continued strength of the American farm and food system.

One of the essential components of a healthy American food system is farm exports.

Ten years ago, farm exports represented about 16 per cent of all farm cash receipts. Today, exports represent about 24 per cent of cash farm receipts.

I am sure you appreciate the economies of scale made possible by a large volume of farm exports.

You know how exports contribute to the remarkable productivity of the American farmer.

But erratic foreign demand, and the disruptive buying of large state trading organizations can create real problems here at home.

Gyrating prices provide the farmer little confidence that he can recover his investment, much less make a profit on his labors.

All of this has made agriculture a "hot line" for discussion in the past few years.

In my career, there has never been more widespread interest in agricultural policy.

All of a sudden agriculture has hit the front page.

This new attention to agriculture has both a positive side and a negative side.

There are some who view the farmer as getting rich at the expense of the consumer.

Others blame high food prices on the middleman.

And some would like to place the blame for higher food prices on foreign exports.

If there is a lesson to be drawn from the events of the last several years, it is that we are all in the same game.

It is that the farmer's loss, or the processor's loss, is everybody's loss.

We must make sure, therefore, that our food and agricultural policies provide a balance of all the interests affected by policy decisions.

We must put together some rules to insure that nobody is needlessly hurt. And the rules have to be based upon sound judgment - not political expediency.

The basic authority for our farm programs will expire at the end of the 1977 crop years.

So Congress must decide at what level to set price supports - how high, or how low, we should set target prices and loan levels for cotton, wheat and feed grains.

Although price supports will not be the only component of farm policy on the agenda, it clearly will be one of the most important.

Likewise, it will be one of the most difficult.

Before Congress adjourned in October, I assigned the

[Continued on Page 74]

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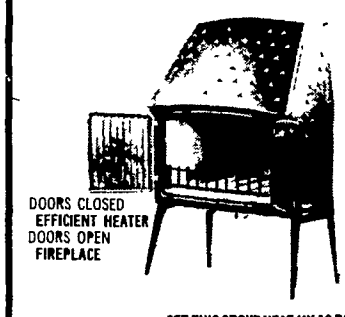

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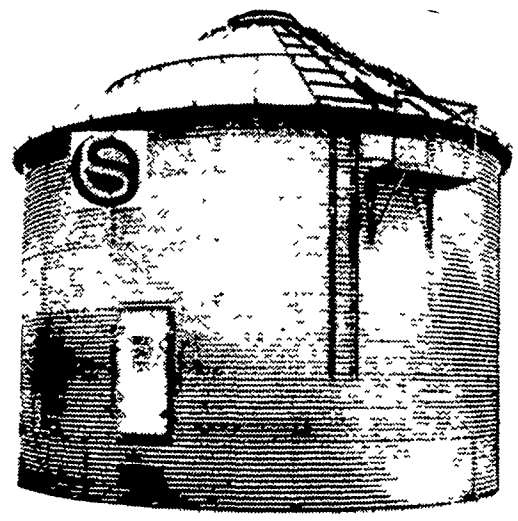

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33-7	15723	9170	5564.	3538.
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American

[Continued from Page 65]

from artificial breeding are having a closed herd which is free from disease, and one which is bred with semen from top quality boars. And, as he said at the FFA hog show last July, it's the quality more than anything which he is after now.

Mostly, Cliff raises a cross breed of Yorkshire-Hampshire swine, and feels that a York-Hamp bred to a Duroc is the best cross because of the combination of good mothering qualities and really heavy muscling.

Besides good breeding practices such as hand breeding, there are other ways of managing the herd which Cliff feels are important to having top quality animals.

First of all, he ear notches one ear of all his pigs so he knows which sow they came from. In this way, if any litter does come out with poor quality, he knows what sow to trace it to and, therefore, knows to get rid of her.

He also marks the date of birth on the other ear, so he can watch the rate of development and trace the growth pattern back to the parents.

Another practice which he feels is important and therefore does himself is grinding the feed for his animals.

"Mixing your own feed to the right proportions is a big factor in raising pigs," he says. Cliff uses a pre-mix and adds the extra ingredients and medication in the exact proportions.

And, while he doesn't claim that the type of farrowing houses he uses has anything to do with producing top animals, he is really enthusiastic about the new operation he put in this summer. Instead of the well-known confinement houses which many hog producers use, Cliff and his father took somewhat of a risk this summer and became one of a few in the state to try "isolets" on a large scale.

Isolets are individual houses set out in the open on concrete, and instead of holding several sows at one time, each unit holds only one sow and litter.

Each prefabricated house has an opening to an outdoor concrete pen, and the sow is free to be either inside the piglets. Each unit is styrofoam insulated, and to keep the piglets comfortable, a heater is installed in a corner of each.

"We have less farrowing problems with the isolet," says Cliff. "The sows can walk in and out, so they don't get upset from being confined, which sometimes happens."

Cliff also says that the warmth of the heater pulls the piglets away from the sow fairly well, so there is less chance of her laying on them.

There are several other good points which Cliff is quick to explain.

First of all, he points out, they utilize a self-feeding system, so the feeders only have to be filled every five or six days, and at that time it only takes Cliff and Nancy about 10 minutes to do the 20 isolettes they have set up so far. (They plan to have three rows of 10 each when they have completed putting them all up.)

"The pigs almost never manure in their isolet, either," Cliff explains. That had been one of the concerns of the partnership before they bought the units.

"We thought that cleaning out every one of those 30 units would have been an awful lot to keep up with," he says with a smile. But, fortunately, the animals keep the isolets clean, and manure on the concrete. And, even that is not as much work as it could be, because the active piglets work it all out of the pens onto another strip of concrete where all the Charles have to do is run a skid loader up through and their work is done in a matter minutes.

"And, we only have to clean out the houses with each weaning," says Cliff. That's every five or six weeks.

"The way I see it, it's a real labor saver," he concludes.

Cliff and Nancy also feel the isolet strengthens the pigs.

"In the summer, the little ones are outside in the fresh air and sunshine in a couple of days after they are born," says Nancy. And, according to them, this helps the piglets become healthy.

There are a few disadvantages, however. Although the units come prefabricated, there is still quite a bit of labor involved in pouring the concrete, and Cliff admits that in the winter it is sometimes uncomfortable to have to work outside. Also, in the summer, the heater doesn't pull the pigs away from the sow as

[Continued on Page 72]

Cliff checks one of the sows in his new farrowing house set-up. Ten of the isolets are lined up in a row.

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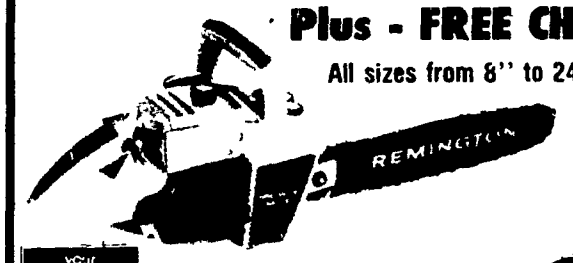

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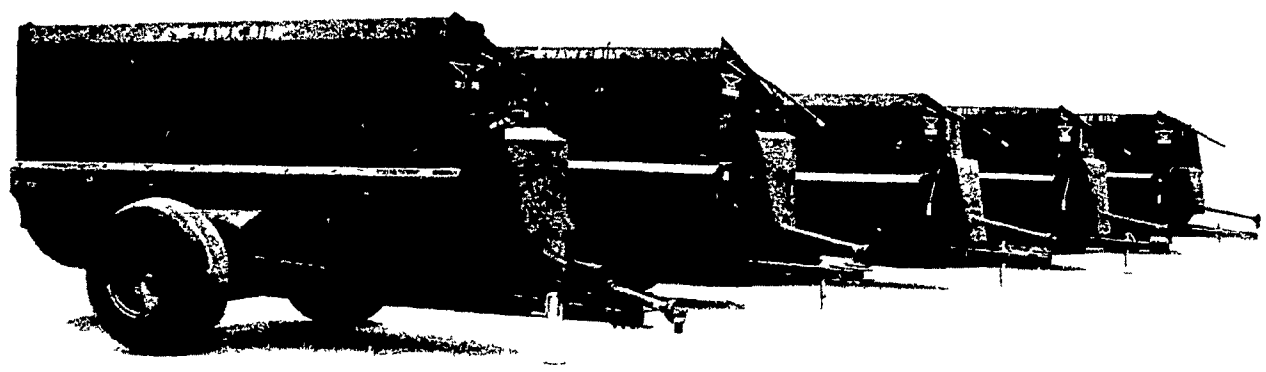

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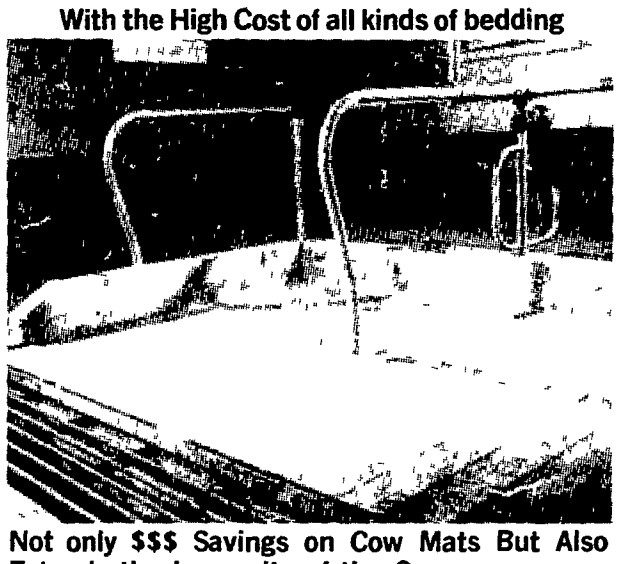

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[Continued from Page 71]

quickly as it might, so she sometimes lays on the litter.

But, overall, the advantages seem to outweigh the disadvantages in the Charles' eyes.

Of course, it takes more than just a modern set up and good amnagement to have a good herd. It also takes a genuine interest in the animals and a willingness to do whatever is necessary to raise those swine.

For instance, Nancy and Cliff moved into the farmhouse on the property and Cliff's parents moved into another nearby home that they own because it takes so much work to tend the hogs. And, there are many nights that Cliff stays up with the animals when they are farrowing. So, living nearby was the simplest thing to do.

"I don't have to stay up so much since they aren't farrowing as much now," he says, "but there are nights when I sleep out with them if I know they are going to give birth during the night."

The reason that only Cliff takes care of the swine is because of the arrangement of the partnership. From the time he graduated, he did all the managing and buying for the sow herd. At first he and his father were only in business 50-50 with the pigs, but now the whole operation is part of the partnership.

And, of course, to have a successful operation, it is a help to have a wife who is a faithful supporter of what you do.

Nancy helps with the work of the swine operation when she's needed. She lends a hand to feed and to move the sows and litters after they are weaned. She also takes part in the ear notching and clipping the teeth of the piglets. Plus, there is a lot of book work to be done, which is her responsibility.

"I also do the housekeeping in the barn," she says with a goodnatured laugh. None of this comes new to her, however, because she was raised on a farm where she did much of the same work - only with steers. And, while the Charles partnership includes 110 head of beef, there's not much for Nancy to do with that part of the operation. It's the pigs which take all the time.

Once they have been raised and fattened to 50 pounds, Cliff markets them to his uncle, Roy Charles. And, a little later on, when it is time to show animals, he goes back and tries to pick out the best ones.

"That's hard to do," he laughs, "because they change so much all the time." From his past record he hasn't done too bad, however. Unfortunately, this year he is too old to show his animals at the Farm Show, but he sold his animals to FFA members, so he may get more champions through other people after the year is out.

Of course, it really doesn't take more awards to prove that Cliff has good pigs. Through top notch management practices he's made his operation a successful one, and he intends to continue in the same manner for quite some time.

"There's nothing we'd rather do than farm," say Nancy and Cliff, which is exactly what you'd expect to hear from this American Farmer and his wife.

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To order copies of these courses, send a check for $8. to Entertaining, Box 5000, University Park, PA 16802. To order single copies of each course, send your check for $5.50 for Entertaining, or $3.00 for Table Service. Make your check payable to Penn State.

Berks County Society 1

Twenty-three members and their husbands attended the annual Christmas Party of Berks County Society 1, held at the Exeter Diner. Merritt Freeman of Trappe, Pa., gave an entertaining speech on "Keeping the Humor in Your LIfe."

The group held a short business meeting at which time new officers for the next two years were installed by the past county president, Anne Yanos. Secret pals for the past year were revealed by the exchanging of Christmas gifts, and then new secret pals were picked for the coming year.

Due to the state convention being held on January 10 and 11, the next meeting will be held on January 19, at the home of Lillian Hetrick.

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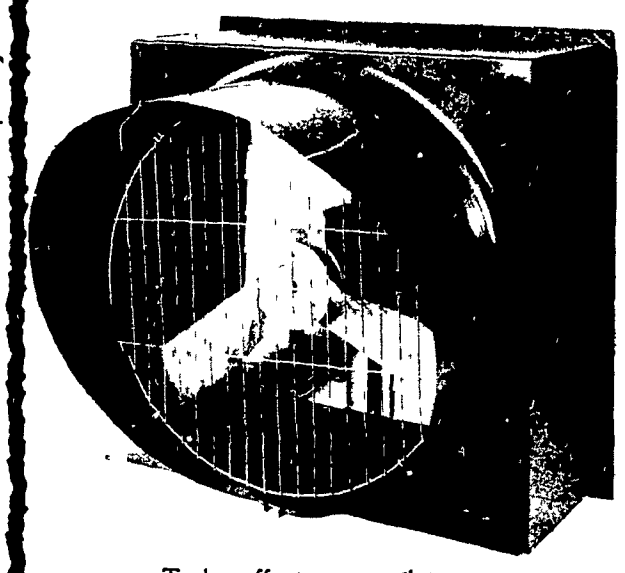

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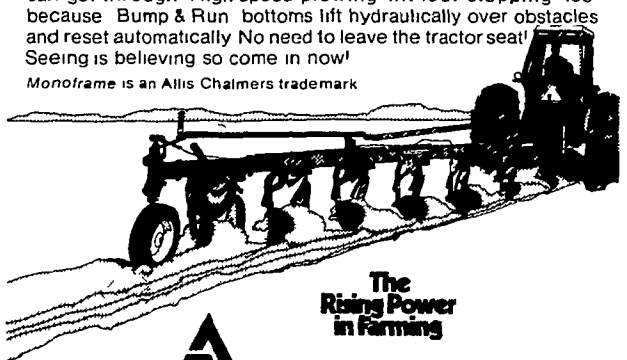

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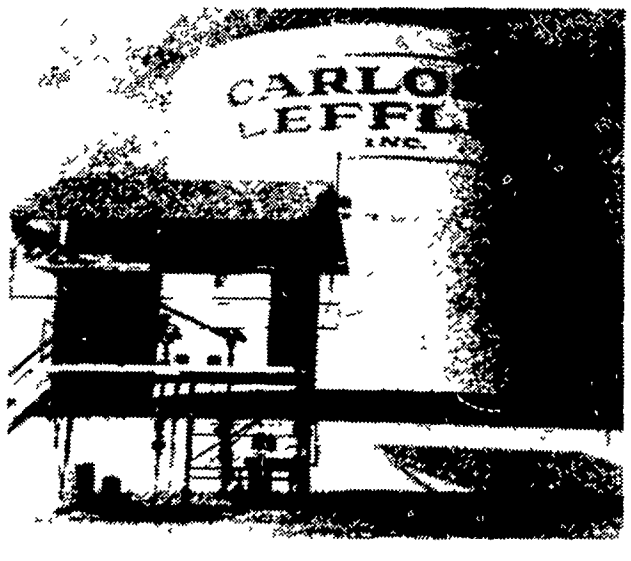

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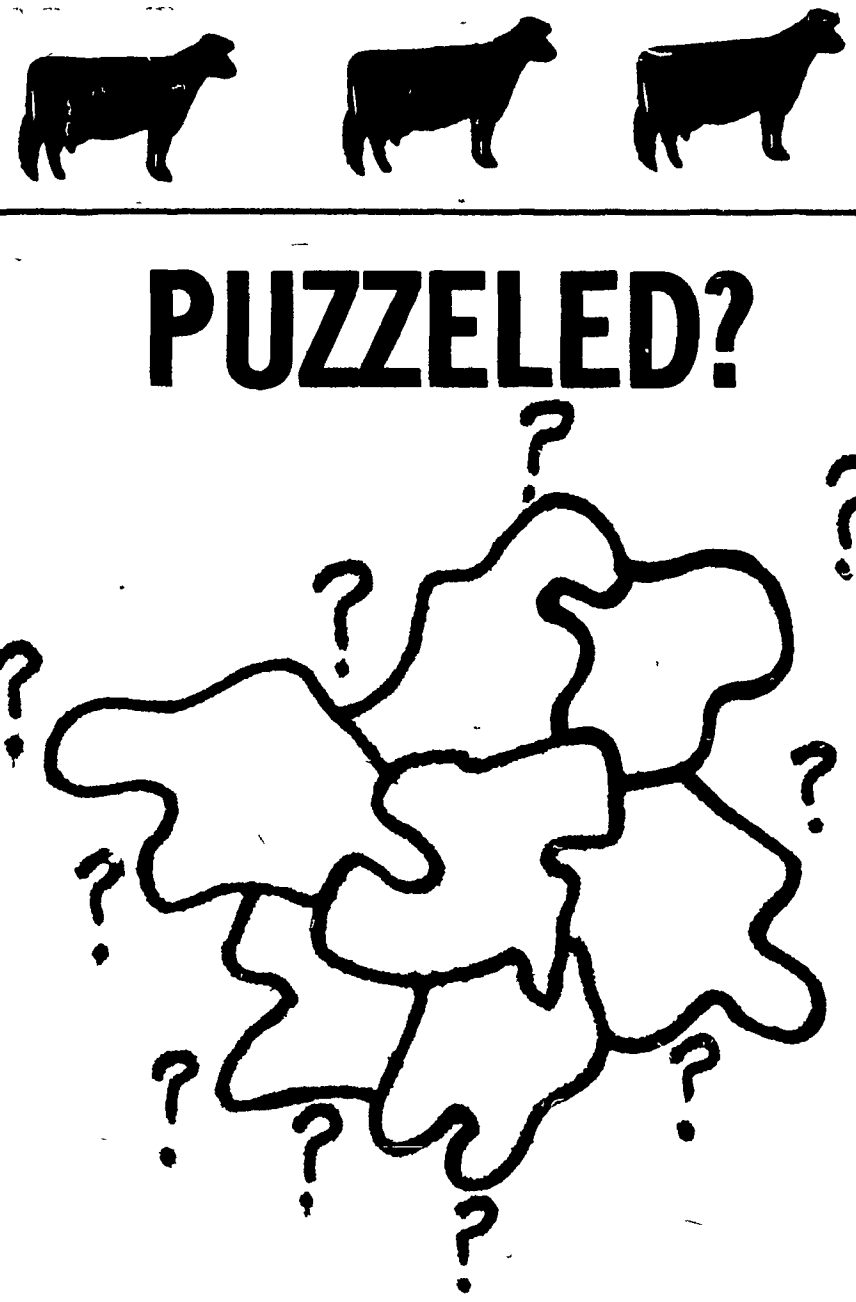

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Life on the farm

By DIETER KRIEG

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EDITOR'S NOTE: "Life on the farm" columns are written as entertainment for farmers and to promote better understanding between rural and urban folks. All are based on actual recollections and are designed to portray the joys, sorrows, frustrations, daily work and triumphs of life on a Pennsylvania dairy farm. The columns are distributed to several Pennsylvania newspapers and have a sizable urban following.

This is the time of year when dairy cows should be clipped — or if you prefer, given a hair cut. Dairy sanitation regulations require that cows be kept clean, and short hair helps to make the task much easier.

Cows have been clipped for years; sometimes just for cleanliness, sometimes in preparation for shows, but most always because of a combination of these two reasons. Cows are cleaner and better looking when their coat is trimmed.

Most dairymen, if not all, who place some value on their cows' appearance, will agree that clipped cows look better — but that is only half of it. A dairymen who wants his cows to look nice will not just simply clip the hair, but carefully blend body hair so that the job looks neat.

Clipping cows can be a pleasant job, or a life and death affair. Most cows, especially after having experienced it once, are fond of having the clippers gliding along their skin. Some want no part of it, and the flying legs prove it.

I can recall an afternoon, 16 years ago, when I sat under the third best cow in the herd, gently running the humming clippers alongside her belly. All of a sudden my right cheek felt numb, and I knew I had been kicked. It was so fast, the pain - hadn't registered yet, and I never saw that hoof coming at me. Getting kicked is bad enough, but almost equaly "painful" is the job of trying to regain the startled animal's confidence

Cows which are clipped for the show string receive a beauty treatment which extends from the tip of their nose to the tip of their toes. Even the inside of their ears are clipped.

When cows are clipped for sanitary reasons only, the farmer usually doesn't clip any hair other than around the udder, tail, flanks, legs, belly, and up around to the hip bones. With no consideration for making the short and long hairs blend, such cows begin to look like poodles

Aside from the reasons mentioned for clipping, there is a third benefit: comfort and health. Properly cared for and stabled cows do not need the long hair which Mother Nature gives them every winter. Keeping their coat relatively short and well groomed promotes healthy skin and slightly increased milk checks. The cow, feeling much more comfortable than she would otherwise, rewards her master with a few pounds of extra milk per day.

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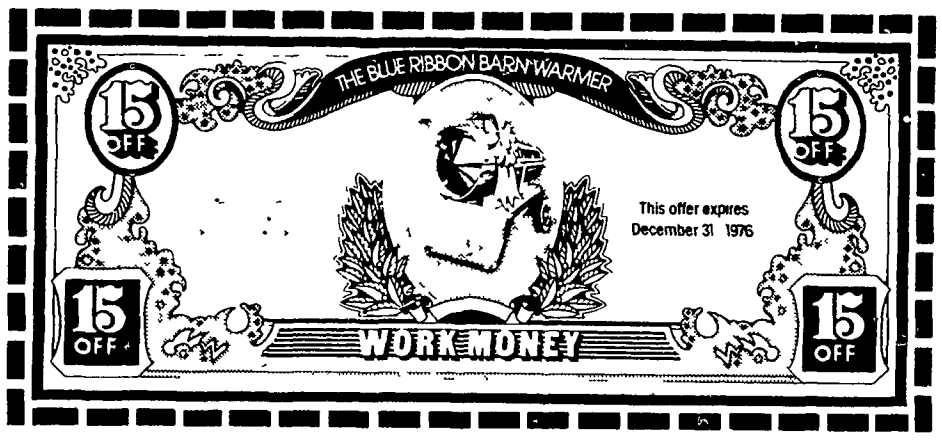

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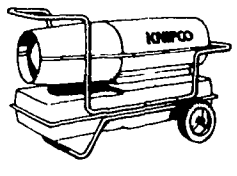

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[Continued from Page 70]

Sentate Agriculture Committee staff to begin the research and drafting work on a new farm bill.

It is my intention to have that bill ready for Congress to look at when we convene again on January fourth.

There were two specific parts in the assignment:

First, that target prices for the three major commodities be set at the full cost of production.

Second, that loan rates be set at about 80 per cent of the cost of production.

Having said that, there are some complicating factors that we must address.

One is the matter of determining a reasonable estimate of the cost of producing a crop.

Obviously the costs vary widely. The cost of land varies widely. Yields range from low and inconsistent to high and reliable. There are many, many variables.

We can, however, determine with some precision the average cost of production in years past.

We have reasonably good estimates of 1974 production costs and should have accurate estimates of 1975 costs within the next few weeks. Even preliminary 1976 costs can be estimated soon.

From those figures we may be able to project, within a range of reason, the costs for 1977.

From those figures we may be able to project, within a range of reason, the costs for 1977.

But we are charged with the job, in 1977, of writing a farm bill which will have its first impact on the crops of 1978.

And no one can predict with any certainty how much OPEC oil will cost - or how much fertilizer will cost, or how much fertilizer farmers will be able to buy at any cost - more than a year ahead.

But estimating farmers' production cost is only one of the factors we have to weigh.

We also must consider the cost to the taxpayer.

Just as farmers are pleased with the new freedoms they have achieved with the strong demand of the past few years, taxpayers have been pleased with the reduced cost of farm programs.

In 1972, the cost of all farm programs approached four billion dollars. Last year, the cost was about half a billion - and most of that in disaster assistance.

I do not find it likely that Congress - or the new Administration, for that matter - would look kindly on a new farm bill with a price tag of four or five billion dollars.

Those are just two of the problems which we must resolve in the first few months next year.

But even these are not the only elements of a new farm bill.

We have to make a decision about the level of dairy price supports - and whether to require adjustments in the support level more than once a year.

Two important components of our food policy complex also run out next year - the Food Stamp Program and the Food for Peace Program.

Authority to regulate pesticides also expires - and we must examine that problem once more, and decide how the authority should be extended.

And we must look also at the important subject of agricultural research, which underlies all the important gains of American agriculture in modern times.

Agricultural research was easy to ignore when we produced far more than we could use. But shortages have created a new awareness of the need for a sound, strong research program.

We need to consider conservation programs in a similar light. We must asssure the long-term productivity of land and its related resources.

The need for a sound food and agricultural policy is probably greater today than ever before. We have less room for error in an age of increasing population and stable or shrinking resources.

There are greater demands on our food productive capacity than ever before.

And there are ever-growing risks and ever-increasing costs associated with production of food and fiber.

As a nation, we cannot afford the luxury of chance.

We cannot afford the risk of assuming that there will always be enough to go around.

We cannot afford to take the chance that our agricultural economy will be strong forever. We must work to make it so.

We must use our policy-making powers - at every level of our society - to assure that it happens.

We have learned that we must respect the needs and problems of each of the components of our food system.

We have learned that we must deal with the uncertainties which threaten the stability of American agriculture.

We have learned that cooperation, rather than confrontation, must be the basis of agricultural policies.

The challenges before American agriculture have never been greater.

And, as Chairman of the Committee on Agriculture and Forestry, I am glad to be in a position to help meet those challenges.

They are important challenges.

Those of us who serve as leaders in the area of food and agriculture have the opportunity to contribute to the most crucial need of mankind - the assurance of an adequate and growing food supply.

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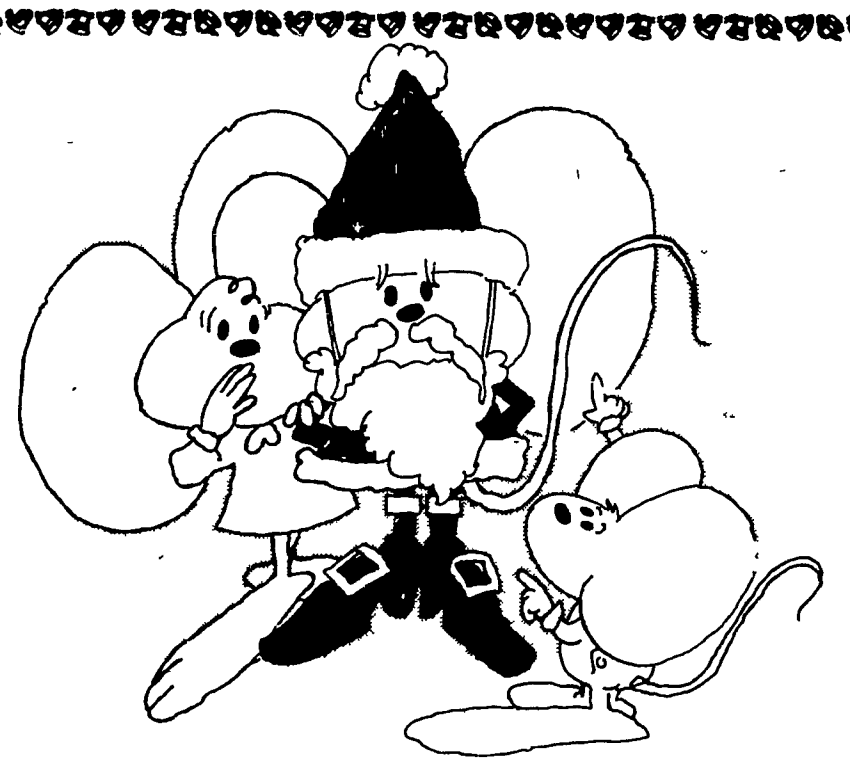

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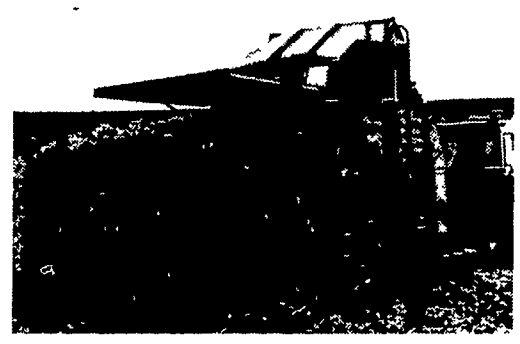

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4-H riders gallop to success

LANCASTER - Lancaster County's 4-H horse enthusiasts held their annual recognition banquet here at the Farm and Home Center last Saturday evening, with many of them capturing recognition awards. Attended by 231 club members, parents, leaders, and guests, the program also cited club leaders for exemplary guidance.

First to receive awards were the state 4-H Horse Show winners:

Natalie Immel of the Broken Bit Club was first in grooming and showmanship in the senior division, and placed second in Western pleasure horses. Doug Fellenbaum of the Boots and Saddles Club was cited for his third-place finish in western pleasure ponies. Both participants were given plaques by Robert Gregory of Pennfield Feeds Corporation. Gregory also serves as a leader to the Broken Bit Club.

Ray Carmean of the Boots and Saddles Club placed first in the state competition in pole bending, followed by Mike McCall of the Silver Spurs Club. Dick Stein, representing the John W. Eshleman and Son Company, presented the awards.

Carol Stinson of the Rough Riders Club received a plaque sponsored by the Ross H. Rohrer Company of Quarryville. Miss Stinson had an eighth place in hunter ponies under saddle in the state contest.

Debbie Huber, of the Bit and Bradoon Club, received a plaque from Randy Herr, who represented the Rough Riders 4-H Club. Miss Huber had placed second in saddle seat equitation.

Two fifth places - one each in the senior division saddle seat equitation and saddle seat pleasure ponies - were won by Leslie Sherman of the Broken Bit 4-H Club. She received a plaque sponsored by the Boots and Saddles 4-H Club and given by members Patty Groff and Terry Miller. The pair also recognized Stephanie Kurtz of the Sequoia Riders Club who earned her plaque as a result of a third place in pleasure driving ponies competition.

The Lancaster County Horse Judging Team, coached by Robert Gregory and Carol Henkel, was recognized for its performance in the state contest. Placing 11th in the state, the team consisted of Jane Gregory, Sandy Hamilton, Jody Henkel and Carol Stinson.

The Horse Bowl Team, consisting of Judi Anderson, Heidi Bailey, Lashon Bussell, and Jenny Weber, was also called to the front room for recognition. Their coach is Dr. Earl Weber.

The program continued with the presentation of special awards within each of the eight 4-H horse clubs in Lancaster County. It was also noted that interest in these clubs has grown at a phenomenal rate, with the second club in the county having been formed just 15 years ago.

A summary of the special awards within each club follows:

SEQUOIA RIDERS

Perfect Attendance - Dwayne Weaver seven years; Tiera Ressler seven years; Lu Ann Kauffman five years; Janine Shank three years; Lyn Lenker three years.

High Sponsorship - Jessie Zarfoss.

Most improved 1st Year Member - Stephanie Kurtz.

[Continued on Page 76]

Capturing the top trophies at the recently held annual 4-H horse club recognition dinner were, front row, left to right: Doug Fellenbaum, Lititz; Stephanie Kurtz, Hershey; Debbie Huber, Columbia. Back row: Carol Stinson, Strasburg; Leslie Sherman, Lancaster; and Natalie Immel, Lititz. Not present for the award presentations were Ray Carmean of East Petersburg and Michael McCall of Columbia. Both were recognized in absentia for their achievements in state horsemanship contests.

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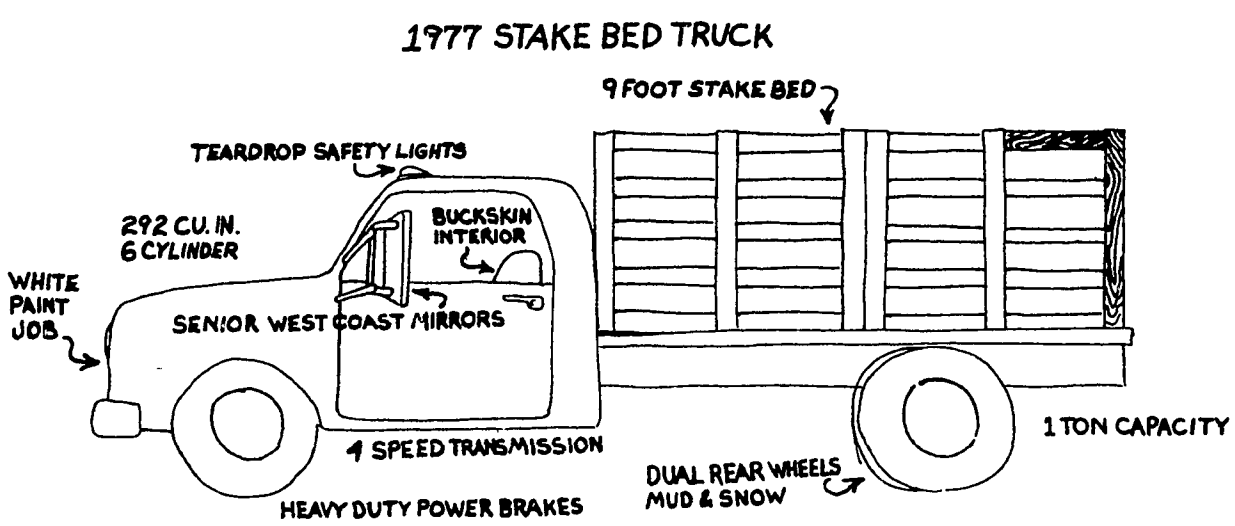

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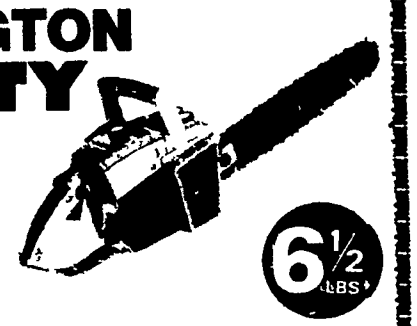

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4-H riders

(Continued from Page 75)

Most Improved 2nd Yeai Member - Amy Lenker.
Outstanding Member in Final Year - Dwayne Weaver.
Best Demonstration - Tiera Ressler, Lyn Lenker, Amy Lenker.
Trail Ride - Lu Ann Kauffman, Michelle Ressler.
Outstanding Parents - Mrs. Rachel Kurtz.
Sportsmanship - Kimberly Swartz.
State 4-H Horse Show (not placing) - Lyn Lenker.

SILVER SPURS

Perfect attendance - Jim Glick eight years; Cherri Gochnauer eight years; Sherri Myers three years; Connie Myers three years; Sue Baker three years.

Outstanding Teen Leader - Cherri Gochnauer, Sue Baker, Lelsie Winpenny.

High Sponsorship - Brian McCall.
Most Improved 1st Year Members - Curtis Huber, Richard Hecker.

Most Improved 2nd Year Member - Daryl Friedricks.
Outstanding Member in Final Year - Cherri Gochnauer.
Best Demonstrations - Sherri Myers, Leslie Winpenny, Sue Baker.
Trail Ride - Jim Glick, Denise Sangrey.
Outstanding Parents - Jack Baker, Mrs. Mary Jo McCall.
Sportsmanship - Patti Sangrey, Cherri Gochnauer.
State 4-H Horse Show (not placing) - Jim Glick, Daryl Friedricks.

ROUGE RIDERS

Outstanding Teen Leaders - Randy Herr, Carol Stinson, Heidi Bailey.
High Sponsorship - Randy Herr, Kim Schubert.
Most improved 1st Year Member - Vanessa Bledsoe.
Most Improved 2nd Year Member - Mary Ann Melasecca.
Outstanding Member in Final Year - Rose Smith.
Best Demonstration - Cindy Petters, Carol Stinson.
Trail Ride - Elizabeth Abel, Randy Herr, Heidi Bailey.
Outstanding Parent - Carol Melasecca.
Sportsmanship - Vanessa Bledsoe.
State 4-H Horse Show (not placing) - Heidi Bailey, Cindy Petters.

SADDLE CINCHES

Perfect Attendance - Regina Kicera four years.
High Sponsorship - Ginny Ruhl.
Most Improved 1st Year Member - Ginny Ruhl.
Most Improved 2nd Year Member - Denise Travitz.
Outstanding Member in Final Year - Sue Cassel.
Best Demonstration - Robin Tshudy, Kim Bernhardt.
Outstanding Parents - Mr. and Mrs. John Matthews.
Sportsmanship - Terri Mummau.
State 4-H Horse Show (not placing) - Robin Tshudy.
Happy 16th Birthday - Robin Tshudy.

BROKEN BIT CLUB

Outstanding Teen Leader - Jane Gregory.
High Sponsorship - Rick Buckwalter.
Most Improved 1st Yr. Member - Alida Farrington.
Most Improved 2nd Yr. Member - Leslie Sherman.
Outstanding Member in Final Year - Natalie Immel.
Best Demonstration - Rick Buckwalter, Martha Gregory.
Trail Ride - Barbara Brouse, Peggy Jean Chute.
Outstanding Parents - John and Helen Farrington, Terry and Norman Sherman.
Sportsmanship - Jon Keller.
State 4-H Horse Show (not placing) - Rick Buckwalter.

EASY RIDERS CLUB

Outstanding Teen Leader - Judi Anderson, Lenny Matroni.
High Sponsorship - Judi Anderson.
Most Improved 1st Year Member - Amanda King.
Best Demonstration - Amy Rettew, Judi Anderson.
Outstanding Parents - Charles Anderson, Mrs. Meck.
Sportsmanship - Janet Culton.

BIT AND BRADOON CLUB

Most Improved 1st Year Member - Beth Ann Weaver.
Most Improved 2nd Year Member - Debbie Huber.
Outstanding Parent - Harry Huber.

BOOTS AND SADDLE CLUB

Outstanding Teen Leaders - Sandy Hamilton, Lashon Bussell, Donna Sammons.
High Sponsorship - Lashon Bussell.
Most Improved 1st Yr. Member - Steven Groff, Sharon Snyder.
Most Improved 2nd Yr. Member - Beth Harcelrode.
Outstanding Member in Final Yr. - Ray Carmean.
Best Demonstrations - Sharon Slein, Kathy VanAulen (pair) and Lashon Bussell.
Trail Ride - Doug Fellenbaum, Karen Eberle, Sandy Hamilton.
Outstanding Parents - Ray & Evelyn Hamilton, Ken & Dolly Eberle, Richard Harcelrode.
Sportsmanship - Lashon Bussell, Rosalind Falk, Debbie Myers (County Team) Sharon Gernert, Donna Sammons (Pair Class).
State 4-H Horse Show - (not placing) - Sharon Gernert, Donna Sammons.
Lancaster County Agent Jay W. Irwin serves as advisor to the 4-H horse clubs in Lancaster County.

Wheat bought, corn cancelled

WASHINGTON - The U.S. Department of Agriculture announced that the Soviet Union has purchased 300,000 metric tons (11 million bushels) of U.S. Hard Red Winter wheat for shipment in the 1977-78 wheat marketing year (June-May; and at the same time cancelled an earlier purchase of 400,000 metric tons (16 million bushels) of U.S. corn that was to have been shipped in the 1976-77 corn marketing year (Oct.-Sept.).

The sale-cancellation was reported by a private export firm under the Department's export sales reporting requirement which requires sales of 100,000 tons or more be reported to the Department within 24 hours of completion.

As a result of the corn sale cancellation, export sales of grain and soybeans to the Soviet Union for shipment out of the 1976 crops now stand at 7.8 million metric tons, including 3.55 million tons of corn (140 million bushels), 2.9 million tons of wheat (106 million bushels) and 1.35 million tons of soybeans (50 million bushels). In addition to the sales for 1976-77 shipment, 480,000 metric tons (17.6 million bushels) of U.S. wheat has been sold to the Soviet Union for shipment in the 1977-78 wheat marketing year beginning next June.

Lancaster 4-H photos in national exhibit

ROCHESTER, N.Y. - Photographs by three Lancaster area youths, have been chosen to represent Pennsylvania in the third annual National 4-H Photo Exhibit sponsored by Eastman Kodak Company.

Made up of no more than four pictures from each state, the exhibit was first shown at the annual 4-H Congress in Chicago Nov. 28-Dec. 3 and later will be on display at the National 4-H Center in Washington, D.C. The young photographers are:

Lisa Bloom, 14, Ronks; Bernard Nissley, 15, Mount Joy; and Bernard's brother, Darwin, 18, also of Mount Joy.

Exhibit photos have been selected by the cooperative extension service in each state on the basis of county and state fair submissions. Kodak has printed and mounted the photos for display, affixing a seal of recognition, and will present each 4-H'er represented with an enlarged print of his or her picture with seal.

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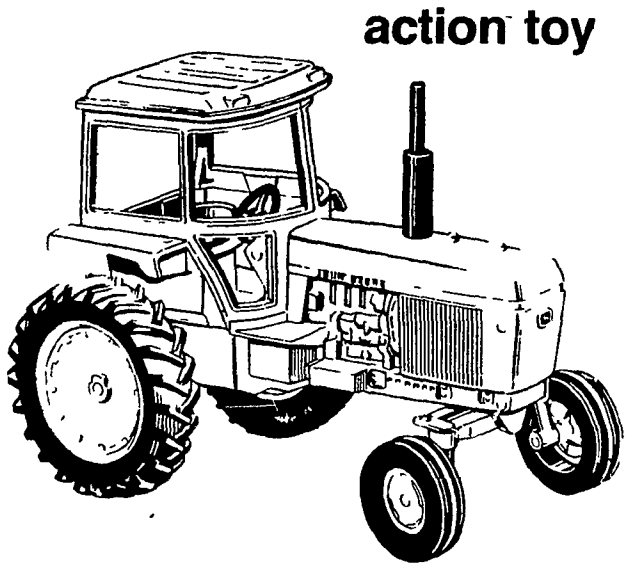

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Awards

(Continued from Page 68)

that show, and also had the grand champion cow at the Junior Dairy Show in Harrisburg.

Jim Shaw, the Berks association's state director, reported on state events for the coming year including the calf and bred heifer sales scheduled for March 31 and April 1, and the State Spring Show slated for April 2. Although a firm date has not yet been announced for the next judging school, according to Shaw, it will be held some time during July.

Other speakers at the annual meeting included Robert Morris, director of special programs of the State Holstein Assoc., who outlined some of the new changes which are taking place in the Holstein registration process; and Tammy Hafer, the alternate Berks County dairy princess, who encouraged increased use of dairy products in baking and entertaining during the coming holiday season.

Elections held at the Friday evening meeting included three senior directors, LaVerne Moser, Clyde Plushanski, and Joe Ruth; and one junior director, Debbie Stump.

John Stump offered the invocation before dinner, and entertainment was provided by the Society of Farm Women Group 2.

Dairy cow clinics scheduled

FLEMINGTON, N. J. - Two "dairy cow clinics" have been scheduled by the New Jersey Holstein Association and the Cooperative Extension Service for Tuesday and Wednesday, December 21, and 22. Featured speakers will be Dr. David Morrow, Michigan State University, and Maurice Mix, director of Classification Services for the Holstein-Friesian Association of America.

The December 21 clinic will be held at the Andover Firehouse on Route 206. The clinic on the 22nd is set for the Conference Room in the Bank of Mid-Jersey, Route 130, Bordentown. Both meetings will begin at 10 a.m., conclude at 3.

The morning sessions will include a presentation by Dr. Morrow, "A veterinarian Looks At Functional Type in Dairy Cattle." He will use cow specimens and illustrations in relating a cow's "form" to her "function."

Following lunch, the meetings will move to nearby farms. The Andover clinic will move to Francisco Farms at 1 p.m. Mix will review HFAA's classification program and use cattle at the farm to demonstrate descriptive type traits and how they are related to longevity and profitability of dairy animals.

The afternoon session of the Bordentown meeting will be held at the farm of Fred Wainwright, Jr.

Dr. Morrow is a veterinarian and professor in the Department of Large Animal Surgery and Medicine at Michigan State University.

Maurice Mix has spent his entire career in the dairy industry, joining the Holstein Association in 1967 to supervise the type classification program. He presently directs the staff of 18 classifiers who will have scored over 185,000 Holsteins by the end of 1976.

The cost for the program and lunch is $5. Tickets are available in the office of the County Agricultural Agent. Extension Service, Route 31, north of Flemington.

Chiseling is topic of Adult Farmer meeting

NEW HOLLAND, Pa. - The Garden Spot Adult Farmer Program will sponsor a meeting on crop management using a chisel, on Dec. 14 for all area farmers. The meeting will start at 7:30 p.m. in the agriculture classroom of the Garden Spot High School.

Plans for the program include a slide presentation on the problems of soil compaction and methods for reducing these problems. Several speakers are also scheduled.

Art Good, implement dealer with A.B.C. Groff, will discuss the equipment and power requirements for utilizing the chisel plow technique.

Don Dodson, Organic Plant Food Inc., will discuss how to incorporate fertilizers into a minimum tillage operation. The conservation benefits of chiseling will be the topic discussed by Warren Archibald of the Lancaster County Soil Conservation Service.

Other activities will include a discussion concerning pest management in minimum tillage operations by a chemical company representative and comments from local farmers who have experience in using the chisel plowing technique.

Following the question and answer discussion periods, refreshments will be served. Examples of the types of machinery used in this method of farming will be on display before and after the meeting in the agriculture shop.

Know Where the Activities Will Be?
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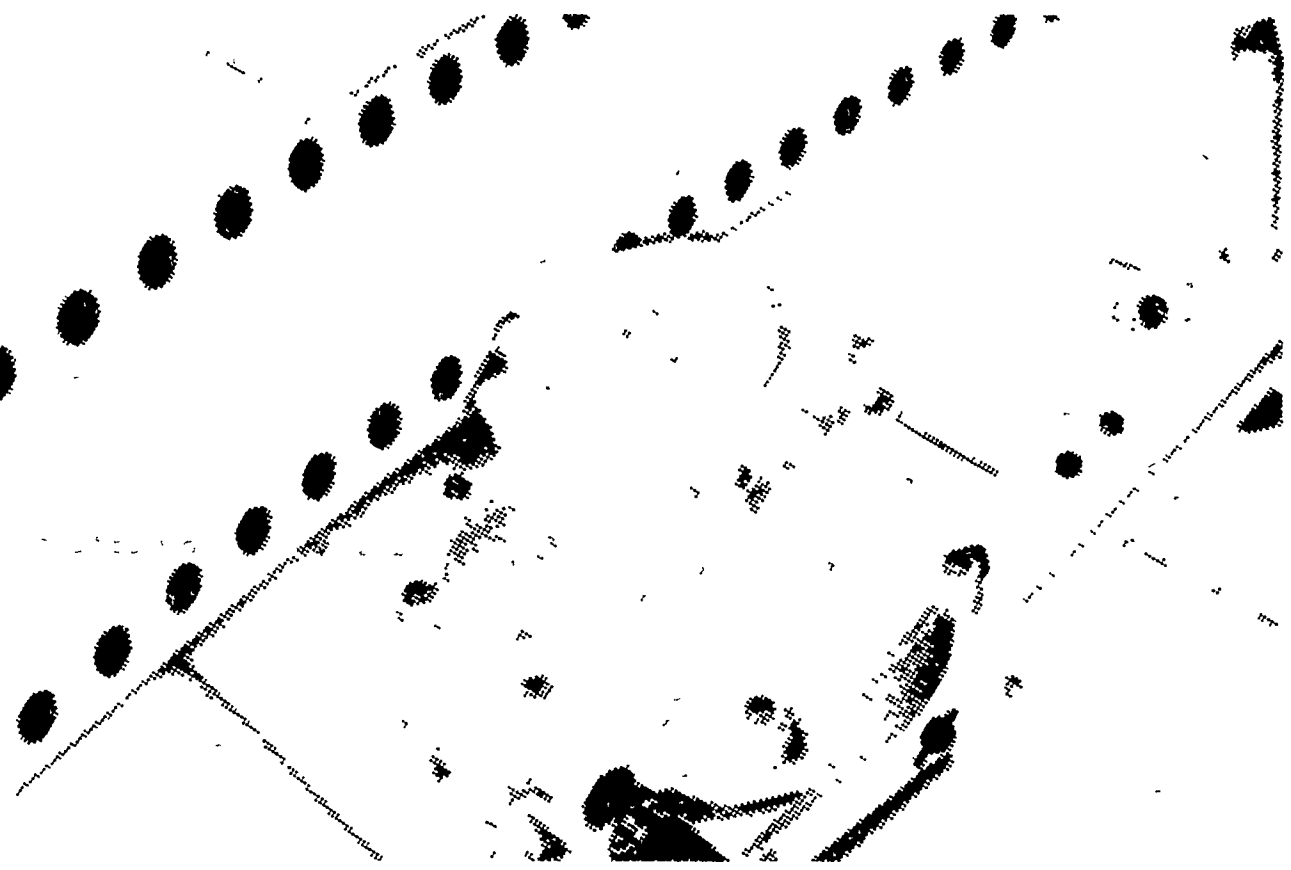

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15H151 CUMVA PROUD PERFORMER—VG & GM

USDA [9/76] - 133 Daus. in 89 Herds Ave.	15,003M	3.65%	547F
Predicted Difference [85% rpt.]	+707M	+$59	+17F

Type: 22 Classified Daus. Ave. 78.4 [act.]; 80.5 [age-adj.]
Sire: Romandale Dividend Performer - VG & GM
Dam: Johanna Korndyke Pride Eva-EX [95]-4E

15H100 MOOKOWN OPTIMIST—VG & PQ

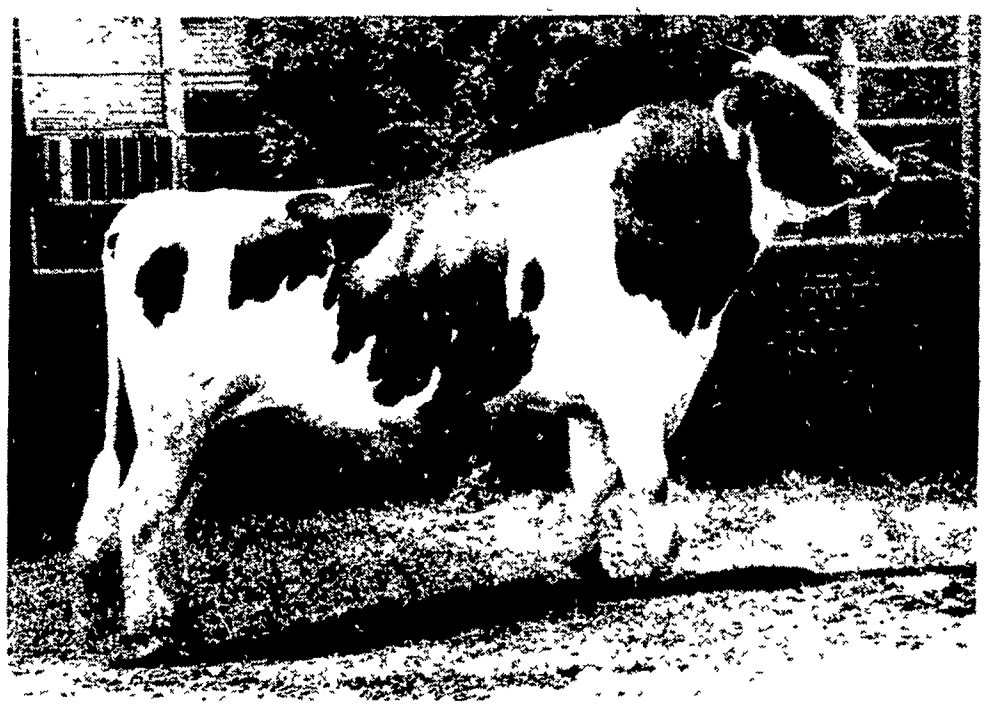
USDA [9/76] - 3,529 Daus. in 1,209 Herds Ave.	15,179M	3.56%	540F
Predicted Difference [99% rpt.]	+692M	+$46	+6F

Type: 504 Classified Daus. Ave. 78.7 [act.]; 79.5 [age-adj.]
Sire: Lakefield Fond Hope - EX [93] & GM
Dam: Glenafton Symbol N Bonheur - VG [89]

8H69 KNOB-LICK KINGPIN—GP & PQ

USDA [9/76] - 81 Daus. in 42 Herds Ave.	13,884M	3.33%	463F
Predicted Difference [79% rpt.]	+533M	+$41	+10F

Type: [no H-FA summary to date]
Sire: Whirlhill Kingpin - VG & PQ
Dam: Knob-Lick Ivanhoe Liza - VG [88] & GM



15H150 MATHEWSFIELD PERFECTION—EX & TQ

USDA [9/76] - 62 Daus. in 45 Herds Ave.	14,790M	3.67%	543F
Predicted Difference [73% rpt.]	+352M	+$13	-7F

Type: 11 Classified Daus. Ave. 79.8 [act.]; 81.6 [age-adj.]
Sire: Sunnyside Standout - VG & GM
Dam: Al Roburke Peppy - EX

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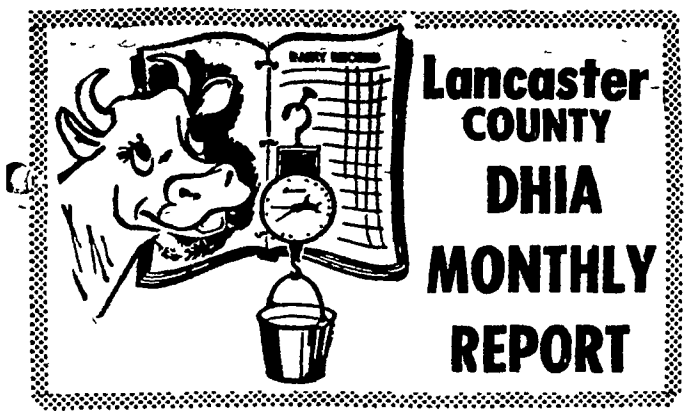


A registered Holstein cow owned by Rhelda and Lynn Royer, 2025 Oregon Pike, Lancaster, completed the highest 305 day lactation. "Jessie" produced 24,422 pounds of milk, 1,048 pounds of butterfat with a 4.3 per cent test. Second high lactation was completed by a registered Holstein owned by Emanuel S. Smucker, Gap. "Ann" produced 24,391 pounds of milk, 932 pounds of butterfat with a 3.8 per cent test in 305 days.

The herds of Curtis E. Akers, Quarryville, and Naaman W. Stoltzfus, Kinzers, had the highest daily butterfat average. The Akers herd of 60 registered and grade Holsteins averaged 53.4 pounds of milk, 1.98 pounds of butterfat with a 3.7 per cent test. The Stoltzfus herd of 31 registered Holsteins averaged 51.1 pounds of milk, 1.98 pounds of butterfat with a 3.9 per cent test. The herd of Edgefield Farms, Quarryville, placed second. This herd of 59 cows averaged 52.6 pounds of milk, 1.93 pounds of butterfat with a 3.7 per cent test.

FIRST 305 DAYS OF LACTATION WITH 700 OR MORE LBS. OF BUTTERFAT.

OWNER — COW'S NAME	BREED	AGE	DAYS IN MILK	LBS MILK	% FAT	FAT LBS
Rhelda & Lynn Royer						
Jessie	RH	6-0	305	24,422	4.3	1048
Jem	RH	12-8	305	23,798	3.2	768
Emanuel S. Smucker						
Ann	RH	6-2	305	24,391	3.8	932
Martin H. Good						
Ella	RH	4-4	305	19,999	4.6	918
Jane	RH	9-11	305	17,765	4.4	782
Lassie	GrH	6-1	305	17,087	4.2	717
Rufus G. Martin						
4	RH	7-5	303	21,736	4.2	914
6	RH	6-5	305	21,036	3.9	811
22	RH	5-9	305	20,400	3.9	793
Conewago View Farms						
Lois	Grh	5-7	305	20,755	4.3	898
Lavina	RH	4-11	305	18,075	4.2	757
Norine	GrH	3-5	305	15,277	4.7	721
Mary	RH	3-10	305	16,437	4.3	708
Don Ranck						
78Bell	RH	5-1	305	22,261	4.0	896
Min	RH	7-8	305	18,507	4.4	813
88 Geri	RH	4-3	301	19,908	3.6	725
Elam J. Stoltzfus						
Emma	RH	6-2	305	24,248	3.7	890
Patty	RH	6-3	284	18,944	3.7	703
Jonas O. Sensenig						
13	GrH	6-2	305	18,667	4.7	882
Daniel M. Stoltzfus						
Pioneer	RH	8-7	305	21,371	4.1	880
Edgefield Farms						
Clara	RH	7-8	305	21,856	4.0	879
Lottie	RH	3-9	305	23,854	3.5	827
Paul B. Zimmerman						
Freda	RH	5-0	305	21,062	4.1	873
Gracie	RH	5-5	305	19,555	3.8	747
R. Edwin Harnish						
Lori	RH	5-1	301	17,806	4.9	870
Judy	RH	6-2	305	20,044	4.0	809
Jack	RH	5-2	305	19,403	4.1	799
John M. Weaver & Son						
83	RH	6-10	305	23,943	3.6	868
50	RH	4-6	305	17,245	4.6	789
69	GrH	6-0	298	18,361	4.1	761
34	GrH	8-1	305	18,409	3.9	711
Jay L. Ranck						
Connie	RH	4-6	305	16,468	4.7	865
Ellen	RH	4-0	305	19,673	4.2	817
Ricky	RH	4-2	305	19,183	4.0	758
Neda	RH	5-0	305	18,680	3.8	704
Christian G. Becker						
123	RH	6-1	305	20,564	4.2	864
132	RH	4-11	305	19,237	4.2	806
Abraham Shelly Jr.						
Tiny	GrH	6-3	305	24,843	3.5	863
Wham	GrH	3-1	303	22,431	3.3	734
Homer G. Hess						
Shorty	GrH	4-5	305	22,369	3.8	855
Star	RH	7-1	278	17,149	4.2	726
Paul S. Horning						
Dinah	GrH	8-0	305	23,635	3.6	854
Harold G. Shelly						
Dorothy	RH	5-3	305	19,794	4.3	854
Carl L. Martin						
Arleta	RH	9-5	305	22,437	3.8	852
Malinda	RH	6-4	305	18,383	4.4	810
Aleta	RH	8-1	301	18,182	4.1	737
Bea	RH	4-5	305	17,101	4.3	732
Bertha	RH	5-3	305	18,066	4.0	724
J. Kenneth Hershey						
Fab	RH	5-3	305	21,596	3.9	851
Sunny	RH	9-0	305	20,987	3.7	784
Krista	GrH	4-0	305	19,591	4.0	781
Bonus	RH	6-0	305	20,782	3.6	743
Donald M. Eckman						
1	GrH	7-1	305	24,002	3.5	849
Abram & John Barley						
153	GrH	5-9	305	24,280	3.5	845
339	RH	3-2	305	19,976	4.0	808
310	RH	3-4	305	20,474	3.9	804
56	GrH	4-10	305	22,690	3.4	771
43	GrH	6-3	298	20,384	3.7	763
108	GrH	5-3	269	20,302	3.4	700
Lancaster Mennonite Hospital Farm						
Vyros 75	RH	4-1	305	17,736	4.8	843
Clyde W. Martin						
Janet	RH	5-7	305	20,245	4.2	841
Janis 2	RH	5-2	305	20,751	4.0	838
Bonnie	RH	5-2	305	19,581	3.9	761
Titus B. Stoner						
Trinket	RH	8-9	305	26,058	3.2	839
Aaron B. Lantz						
Maddie	RH	4-3	305	19,535	4.3	838
Sandy	RH	4-2	305	20,307	3.6	729
Lass	RH	3-3	305	19,442	3.7	719
Dan S. Stoltzfus						
Hayseed	RH	2-11	305	22,568	3.7	836
Bonnie	RH	6-10	305	20,835	3.7	779
Jacob S. Dienner						
Lilly	RH	5-4	305	22,562	3.7	833
Goldie	RH	4-9	305	21,374	3.8	822
Fannie	RH	2-10	305	17,310	4.1	706
Moses L. Lapp						
Marion	RH	5-2	305	17,548	4.7	830
Libby	RH	6-1	305	23,202	3.4	787
Piney	RH	6-5	305	16,430	4.3	700
Henry E. Kettering						
Bright	RH	5-10	305	19,561	4.2	829
Sunny Craft Farm						
Mollie	RH	4-8	305	21,397	3.9	828
Lester M. Weaver						
20C	RH	3-10	305	23,097	3.6	826
43E	RH	4-7	305	20,269	3.9	799
Red 29B	RH	5-0	305	18,255	4.2	773
42B	GrH	5-1	305	17,240	4.4	764
99A	RH	4-2	305	15,737	4.6	723
Raymond M. Weaver						
41	RH	6-2	305	20,578	4.0	826
1	RH	9-11	305	17,236	4.3	743
13	RH	7-0	305	18,812	3.9	729
Aaron S. Glick & Sons						
25	GrH	3-7	305	20,080	4.1	825
31	RH	4-3	305	24,109	3.3	794
82	GrH	5-2	305	19,067	4.0	772
30	RH	4-10	305	19,679	3.6	711
37	RH	4-4	305	18,180	3.9	706
S. R. Shellenberger						
Tootle	RH	4-1	305	19,636	4.2	825
Ione	RH	9-0	305	19,602	4.1	806
Beula	RH	4-1	281	18,499	3.9	727

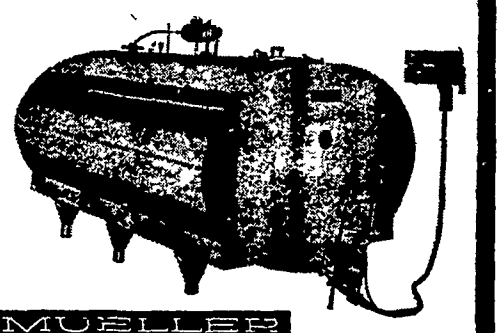
[Continued on Page 80]

SAVE ENERGY
MUELLER FRE-HEATER™
FREE HOT WATER

make me a bulk milk cooler that has everything!

INVENTORY REDUCTION SALE

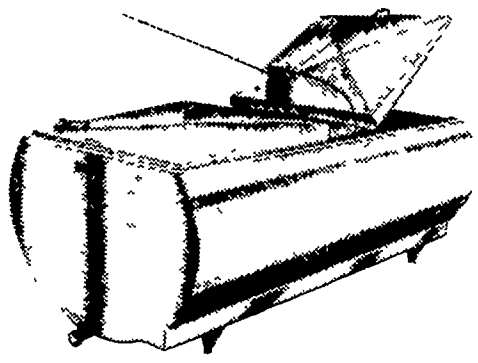
THE BULK MILK COOLER THAT HAS EVERYTHING



MUELLER HiPerForm™

including AUTOMATIC WASHING SYSTEM!

The Mueller Model "OH" with HiPerForm cooling, Mueller-Matic Automatic Washing System, and built-in freeze protection control is the most advanced bulk milk cooler in the world. The nation's most progressive dairymen are using it. Shouldn't you be?



MUELLER NEW MODEL "MW"

The "MW" is one of the Lowest pouring Height Bulk tanks. Check with us all the added new features of the "MW" bulk tank.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller Models "OH", "MHL," and "MW" you may be buying an obsolete cooler.

— USED BULK TANKS —

New 18 can [Can Coolers]
425 gal Esco
300 gal. Dari-Kool
300 gal Zero
300 gal. Esco
500 Gal. Dari Kool
300 Gal. Sunset
300 gal. Jamesway

— USED DIESELS —

DVA 2200 Sianzi

QUEEN ROAD REPAIR

Box 67, Intercourse, PA 17534
Phone 717-768-7111

After 5 P.M
JOHN D WEAVER 656-9982
GID DIENNER 768-8521
SAM STOLTZFUS 768-3594
OR Answering Service 354-4374
24 Hour Service

We Stock Hess' Farm Supplies, Check Our Prices on Animal Medications

Facts for dairymen

By Alan Bair

Assoc. County Agent
Lancaster, Pa.

LEAKS IN THE MANAGEMENT BUCKET

The effect that a leaking milk pail would have on profits should seem obvious to most dairymen - but, How many small "profit leakers" are keeping you from reaching the income levels that you deserve from your labors?

Just for the moment let's forget about the big management decisions affecting dairy farm income such as feeding, breeding and farm financial management. Let's focus our attention on some of those little noticed but quite obvious "leaks" in your management bucket.

Proper maintenance of milking equipment has to be one of the most neglected jobs on the farm. A daily check of oil level, belts and proper regulation function takes less time than it does to read this article, yet this job is often given once-a-month priority. A new pump, improper milking function or a severe outbreak of mastitis is a stiff penalty to pay for the lack of simple and very inexpensive maintenance.

Ever stop to think how many containers of medication, sanitizers, treatments, miracle products, and general cure-alls you have around? Your business seems to demand them today, but have you purchased wisely. Right - each of them only cost a few dollars to purchase, but how much did they cost you to use. Legitimate companies spent millions of dollars testing products and properly labeling them and then you either buy an unlabeled product that a friendly salesman says will work or misuse a properly labeled product. It makes more sense to me to believe the pros rather than the misguided judgement of the friendly idiot.

What about waste around the farm? Just a little mineral spilled here and some feed there. Doesn't amount to much you say. Well, add it all up. Odds and ends of feeds, treatments, pesticides, rat and rodent damage, loss and spoilage due to improper storage, etc. The possibilities are endless - consider the dairyman who is using energy to heat his milkhouse when the door doesn't close and the window is broken out! is broken

Yes, the "BIG" items of feeding, breeding and management are important, but the "little" things can collectively be just as important. Take the time to "patch" the leaks in your farm management bucket.

Lancaster Co. DHIA

(Continued from Page 79)

Paul V. Nissley						
Judy	RH	6-2	301	18,750	4.4	824
Jan	RH	4-2	305	17,128	4.6	794
Dixie	GrH	6-11	305	20,566	3.7	756
Curtis E. Akers						
Anita	RH	8-4	305	18,103	4.5	818
Joseph DeLong						
11B	GrH	3-4	305	19,9878	4.1	817
52C	GrH	8-4	305	16,708	4.2	704
Robert Kauffman Jr.						
Dinah	RH	3-5	299	17,067	4.8	817
Millie	RH	3-10	305	20,130	4.0	803
Samuel B. Lapp						
Ann	RH	7-6	305	20,389	4.0	807
Donna	RH	5-3	305	18,133	4.1	752
Karen	RH	8-9	305	18,518	3.8	712
Roy H. & Ruth H. Book						
Marlo	RH	6-0	305	22,453	3.6	806
Ellis D. Kreider						
73	GrH	5-7	305	22,153	3.6	802
Edwin J. Landis						
Carol	RH	7-2	305	20,833	3.8	802
Twinkle	RH	6-6	305	19,906	3.6	715
Moses N. Good						
Irene	RH	6-10	305	17,560	4.6	802
Loren L. Zimmerman						
Empy	RH	13-3	305	20,806	3.8	800
Elva	RH	7-6	305	18,527	3.8	702
Melvin R. Eby						
Honey	RH	4-7	305	24,408	3.3	798
Rhoda	RH	3-8	305	16,613	4.3	720
LeRoy S. Weaver						
Ann	GrH	5-8	305	21,014	3.8	798
Julia	GrH	7-2	287	16,191	4.6	744
Allen Lee Stoltzfus						
Dinah	RH	5-5	305	19,931	4.0	798
Samuel F. King						
Bonnie	GrH	5-7	305	17,113	4.7	798
Roy C. Neff						
Pam	RH	7-7	305	20,134	3.9	794
Stella	RH	6-1	305	19,195	3.9	741
Enos Buckwalter Trust						
67	GrH	6-1	305	18,311	4.3	793
Maurice F. Welk						
Joyce	RH	7-2	305	21,445	3.7	792
Fluff	RH	5-1	305	20,044	3.6	718
Calvin D. Beiler						
Lyle	RH	4-4	305	22,178	3.6	789
Luc	RH	5-2	305	18,512	4.2	775
Sun Crest Farm						
59	RH	2-2	305	22,511	3.5	787
52	RH	4-3	305	20,736	3.7	770
Samuel M. Martin Jr.						
Darla	RH	6-11	305	18,879	4.2	787
C. Witmer Sherer						
Karla	RH	7-2	305	22,470	3.5	784
J. Clayton Charles						
Slim	GrH	3-3	305	19,884	3.9	784
Jean	RH	5-4	305	18,781	3.9	730
Joseph Eshleman						
Crystal	GrH	5-1	305	19,257	4.1	784
Naaman W. Stoltzfus						
Dot	RH	6-5	305	17,155	4.6	783
Tammy	RH	8-3	305	16,715	4.5	753
Elsie	RH	4-3	305	14,385	4.8	716
Neff Brothers						
Patsy	RH	9-4	305	19,854	3.9	779
Ruth	GrH	9-2	305	17,821	4.1	726
Elam B. Rutt						
Valla	RH	7-11	305	20,518	3.8	778
Effie	RH	4-5	305	22,441	3.3	750

(Continued on Page 81)

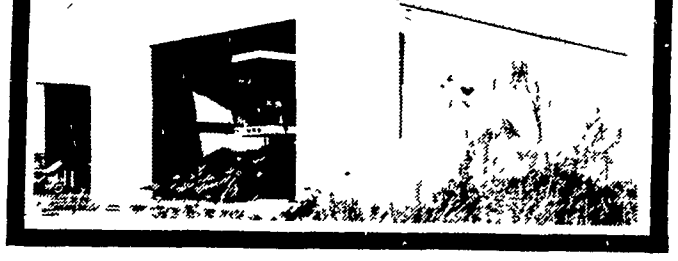
LOW INITIAL COST. FAST EASY ERECTION. ALL STEEL. LONG LIFE.

14' High Opening Easy operating sliding doors

- Two Widths 40 and 48 Minimum length 50 feet
- Additions to length in 25 sections to whatever length you wish
- Multi-purpose building
- Optional accessories so you can have the building just right for you

For a better Farm Building deal it's American

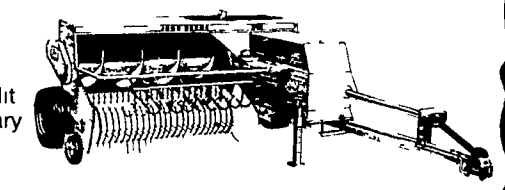
C. DONALD COX
GENERAL CONTRACTOR & EXCAVATOR
W Ralph Cheek, Sales Manager
R D 1 Kirkwood, Pa. 717-529-2541



ROUNDUP

Check John Deere's Roundup of Haymaking Bargains for special discounts plus year-end investment credit

Act fast and you can save two big fistfulls of cash Look at this list of cash discounts we re offering right now on hay and forage equipment On top of those savings you could save some more on investment credit Time is limited See us before January sneaks up on you and cash-in on John Deere s Round-Up of Bargains



MACHINES	DISCOUNT UNTIL 28 FEB 1977	DISCOUNT 1 MAR 1977-30 APR 1977
336 and 346 Balers 15A and 16A Choppers 100 Stack Mover 25 and 34 Forage Harvesters	$195	$90
1207 1209 and 1214 Mower/Conditioners 800 and 830 Windrowers 466 Baler Round Balers 35 and 3800 Forage Harvesters	$390	$195
100 Stack Wagon	$520	$260
200 and 300 Stack Movers	$650	$325
Hydrostatic Windrowers 200 and 300 Stack Wagons	$1 040	$520
Self-Propelled Forage Harvesters	$1 950	$975
230 Stack Shredder/ Feeder	$2 600	$2 600

No finance charges imposed until the next use season Ask us for details If dealer inventory of any product listed above is exhausted, it can be ordered

JOHN DEERE

Shotzberger's Equipment — Elm, PA 717-665-2141
Wenger Implement Inc. — Quarryville, PA [At The Buck] 717-284-4141
Pikeville Equipment Inc. — Oyster Dale Road Oley RD2, PA 215-987-6277
I. G.'s Ag Sales — Silverdale, PA 18962 215-257-5136
Geo. V. Seiple & Son — Easton, PA 215-258-7146
Edwards & Cox — Oxford, PA 215-932-2929

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Belts

Gloves Dress & Work

Vests & Ranch Jackets

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Ladies Insulated Boots Shoes Dress, Work & Casual

Bib & Belt Overalls

Hooded Sweat Shirts Zipper Front, Lined & Unlined

Denim Jeans

Woolrich

Woolrich Sport Shirts & Jackets

Wrangler & Lee Denim Jackets Lined & Unlined

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Gift Certificates

BANKAMERICARD

master charge

WAYNE'S DRY GOODS

271 W MAIN STREET — KUTZTOWN PA —Ph 215 683 7686

Lancaster Co. DHIA

(Continued from Page 80)

Vernon R. Umble						
Rox Ann	RH	4-0	305	18,438	4.2	777
Rohrer Brothers						
Kathy	GrH	6-8	305	19,907	3.9	776
Margie	RH	9-11	286	18,061	4.1	747
Romella Farms						
Gold	GrG	4-2	305	17,943	4.3	775
J. Wilmer Eby						
Down	RH	4-10	305	20,598	3.8	774
Harry H. Ranck Jr.						
Jane	RH	5-3	305	19,144	4.0	771
David D. Zimmerman						
Robena	RH	5-6	305	19,047	4.0	771
Ben K. Stoltzfus						
Edna	GrH	5-5	299	23,586	3.3	770
Kathy	RH	7-3	276	19,423	3.7	718
Marvin K. Witmer						
Marlena	RH	3-2	305	19,120	4.0	770
Blacky	GrH	7-2	305	21,032	3.4	709
Galen W. Crouse						
Orpha	RH	4-4	305	22,802	3.4	768
Sevens	RH	8-8	305	19,760	3.6	709
K. D. & Else Linde						
Vera	RG	8-2	305	16,047	4.8	768
Xera	RG	4-3	305	16,239	4.6	755
John M. Harnish						
Lou	RH	7-6	305	20,400	3.8	767
Marie	RH	6-4	305	18,823	3.8	706
Ben S. Stoltzfus						
Mae	RH	6-10	305	17,431	4.4	767
Pauline	RH	5-0	305	20,115	3.8	759
Christian M. Hess						
Georgie	GrH	7-2	305	25,153	3.0	765
C. Robert Greider						
Prsiden	RH	6-9	305	20,984	3.6	765
John P. Lapp						
Betty	RH	3-2	305	22,573	3.4	764
Dusty	RH	7-5	305	19,340	3.9	763
Bell	RH	3-6	305	19,305	3.9	758
Pearl	RH	4-2	305	18,025	4.1	735
Jenn	RH	4-2	294	19,346	3.7	719
Esther	RH	2-6	305	18,472	3.9	717
J. Rohrer Witmer						
Lalita	RBrSw	7-9	305	17,875	4.3	764
Robert & Joyce Wagner						
Flower	RG	4-5	305	15,137	5.0	764
May	RG	4-3	305	12,530	5.7	720
Ilene	RG	3-0	305	13,185	5.4	714
Mandie	RG	4-10	302	14,824	4.7	700
M. Irvin Eberly						
Dictor	GrH	9-2	300	18,492	4.1	763
Paul J. Weidler						
Pride	RH	10-3	305	20,107	3.8	762
Earl N. Landis						
Lou	RH	7-0	305	21,238	3.6	761
Brendag	GrH	6-0	305	20,497	3.5	708
J. Henry Stoltzfus						
2	RH	5-10	305	18,260	4.2	761
Lester J. Wiker						
Blossom	RH	5-5	305	16,741	4.5	761
P. Robert Wenger						
Wimpy	RH	4-1	305	19,414	3.9	759
David B. King						
Apollo	RH	8-3	305	17,861	4.2	758
Vesta	RH	8-7	305	21,077	3.5	740
Lewis E. Bixler & Son						
Jenny	RH	5-7	305	20,172	3.8	757
John K. Stoltzfus						
Mary	RH	3-4	305	20,179	3.7	756
Harry S. Aungst						
Kate	RH	5-5	305	20,022	3.8	756
Cathy	RH	4-3	305	19,784	3.7	726
Furry H. Frey						
Betsy	RH	12-0	305	18,842	4.0	756
Bridget	RH	3-9	305	21,355	3.5	743
Jay C. Garber						
J. Getty	RH	6-1	305	20,052	3.8	755
JH Dale	RH	6-1	293	18,397	3.9	715
I Eatsy	RH	6-11	301	15,748	4.5	704
Warren F. Bollinger						
87	RH	4-3	305	22,553	3.3	754
60	RH	4-7	305	18,783	4.0	753
27	RH	6-2	305	14,817	4.7	703
H. Landis Weaver						
Beth	RH	4-10	305	20,841	3.6	753
Joyce	RH	6-8	297	21,552	3.4	734
Beryl	RH	4-2	305	16,432	4.4	719
Lottie	RH	5-9	305	21,869	3.2	702
Harold M. Shenk						
Jenny	RH	3-1	277	16,833	4.5	753
William F. Guhl						
7117 17	GrH	4-2	305	19,534	3.8	752
7007 9	RH	5-4	305	19,325	3.7	721
LeRoy S. Smucker						
Kate	RH	2-10	305	19,176	3.9	752
George M. Hurst						
Rowsdal	RH	5-1	305	18,539	4.0	750
David S. Zimmerman						
48	RH	6-11	305	18,908	4.0	749
Meadow Vista Farm						
Holly	RH	5-1	305	19,294	3.9	748
Donald B. Trimble						
64	Mix	3-0	303	18,570	4.0	747
Henry S. DeLong						
143	RH	10-3	305	19,128	3.9	744
45	GrH	4-6	305	17,226	4.1	707
Elvin K. Brenneman						
32	GrH	6-0	305	18,945	3.9	744
Raymond & Louise Witmer						
Edella	RG	8-4	305	15,506	4.8	744
Dee	RG	7-3	296	16,378	4.5	739
Cathy	RG	6-10	305	15,218	4.8	738
Petal	RG	4-7	305	14,305	5.1	727
Ellis R. Denlinger						
Toots	RH	6-6	305	19,974	3.7	743
Melvin H. Ranck						
Judy	RH	5-3	305	21,330	3.5	739
C. Richard Landis						
S. Pansy	RH	6-6	305	19,586	3.8	739
Claire	RH	6-0	305	22,650	3.2	733
Lester	RH	6-11	305	16,561	4.2	700
Ronald & Kathryn Kline						
270	GrH	7-7	305	23,395	3.2	738
G. M. Weaver						
Val	RH	5-0	305	20,260	3.6	737
Kenneth L. Beiler						
Lady	RH	4-5	302	18,275	4.0	736
J. Eby Hershey						
Queen	RH	6-1	305	20,745	3.5	735
Goldie	RH	3-11	305	18,645	3.9	722
James L. High						
Jane	RH	7-1	305	22,465	3.3	734
Willis S. Nolt						
59	GrH	4-1	297	20,528	3.6	734
Glenn P. Book						
Eva	RH	4-5	305	18,063	4.1	734
Samuel F. Long						
Angie	RH	6-9	305	19,424	3.8	732

[Continued on Page 82]

Martin's LIMESTONE

Apply lime on frozen ground

Lime can be applied almost anytime, however winter months are ideal, because the ground is firm and the freezing and thawing action helps to disseminate the lime in the soil

MARTIN LIMESTONE, INC.
Blue Ball, Pa 354 4125
Gap, Pa 442 4148

FARMERS!!

TAKE HOME MORE MONEY FOR YOUR HOGS

THE PRICE YOU ARE QUOTED IS WHAT YOU GET

NO DEDUCTIONS

EVERY MON. TUES. & WED.

8 A.M. TO 1 P.M.

PENN PACKING BUYING STATION

AT GREEN DRAGON LIVESTOCK SALE

1 Mile North of Ephrata RD3, Pa.

CALL FOR MARKET QUOTES EACH MORNING

717-733-9154 or 717-733-9648

Lancaster Co. DHIA

[Continued from Page 81]

OWNER / BREED		DAYS ON TEST	NO. COWS	% COW DAYS IN MILK	MILK LBS	% FAT	FAT LBS
Ray P. Bollinger							
Lassie	RH	5-4	305	17,778	4.1	732	
Dari	GrH	5-1	305	20,439	3.4	701	
J. Carl Zander							
Houskpr	GrH	5-4	305	15,796	4.6	732	
Roy & Kennet Stoner							
10	GrH	3-4	305	21,173	3.4	728	
Robert W. Ulrich Jr.							
Jo	GrJ	5-1	294	12,574	5.8	727	
J. Mowery Frey Jr.							
Jackie	RH	4-11	284	18,244	4.0	726	
Harry L. Troop							
Carolin	RH	2-5	305	16,090	4.5	726	
Debby	RH	5-4	305	19,336	3.6	703	
Stephen J. Stoltzfus							
Sally	GrH	5-2	305	20,211	3.6	725	
Carl G. Troop							
Carol	RH	9-8	305	19,147	3.8	724	
Nathan E. Stoltzfus							
Kitty	RH	4-6	305	17,289	4.2	724	
Robert L. Shelly							
Pet	RH	5-2	305	16,734	4.3	724	
James F. Myer							
Daisy 31	RH	5-2	305	19,827	3.6	723	
James G. Kreider							
56	RH	4-7	298	18,270	4.0	723	
Albert E. Fry							
Irese	RH	4-0	300	17,699	4.1	723	
Irene H. Sauder							
Piebe	RH	4-3	305	19,355	3.7	722	
Melvin J. Martin							
Candy	RH	6-7	293	19,933	3.6	721	
Ray & Linda Geissinger							
Lana	RH	3-6	305	19,908	3.6	721	
Andrew G. Miller							
Brenda	RH	6-10	303	19,870	3.6	721	
Ammon E. Reiff							
Bet	RH	5-9	305	18,773	3.8	721	
Boots	RH	5-1	305	17,803	4.0	712	
Parke H. Ranck							
Violet	RH	7-0	305	16,122	4.5	721	
Mildred	RH	4-1	301	19,000	3.8	719	
Robert F. & Joan B. Book							
Dee	RH	3-2	305	19,141	3.8	720	
Weidler Grube							
Flo	GrH	7-3	305	18,478	3.9	719	
J. David Shank							
Wilma	RH	5-0	305	18,448	3.9	718	
David K. Stoltzfus							
Sue	RH	4-10	305	20,024	3.6	717	
Quelletal Farm							
92	GrH	3-2	305	15,947	4.5	716	
Carla 48	RH	4-8	305	17,167	4.1	709	
Samuel E. Beiler							
Val	RH	4-9	305	18,508	3.9	715	
John E. Fisher							
10	RH	5-3	305	17,665	4.0	714	
27	RH	4-9	305	21,584	3.3	708	
H. H. Haverstick							
Prcilla	RH	7-10	305	16,811	4.2	714	
Samuel K. Stoltzfus							
Beau	GrH	3-10	305	19,738	3.6	713	
John S. Wenger							
26	RH	6-7	305	19,266	3.7	713	
Lu 38	RH	3-3	305	18,735	3.8	705	
John B. Stoltzfus Jr.							
Lady	GrH	4-6	305	19,902	3.6	712	
J. Ray Ranck							
Rachel	GrH	4-3	296	17,670	4.0	711	
Isaac E. Hostetter							
Lucker	GrH	6-6	305	14,591	4.9	711	
Aaron E. Beiler							
Iva	RH	3-3	305	18,419	3.8	709	
Lloyd E. Miller							
Laverne	RH	6-1	286	16,793	4.2	709	
Bennie L. Fisher							
Elsie	GrH	3-7	305	16,684	4.2	708	
Willis M. Martin							
Ida	RH	6-10	304	17,790	4.0	707	
Simeon M. Stoltzfoos							
Lucky	RH	2-8	305	16,766	4.2	707	
Ezra & Gerald Martin							
Kelly	RH	3-2	305	16,438	4.3	707	
Rachel	RH	4-3	305	21,456	3.3	704	
Wilmer L. Shertzer							
60	RH	7-3	305	17,913	3.9	706	
Paul H. & Martin Herr							
Hattie	RJ	5-7	305	13,326	5.3	705	
Leon S. Lapp							
Lucy	RH	5-4	305	21,359	3.3	703	
Henry F. Zeiset							
23	RH	3-8	305	18,007	3.9	703	
Samuel F. Sauder							
Ellen	RH	10-1	305	21,201	3.3	701	
Mervin Sauder							
Bee	RH	5-2	305	20,510	3.4	701	
Melvin M. Groff							
Betty	GrH	5-9	305	17,486	4.0	701	
Curtis E. Akers							
R&GrH		29	59.9	93.3	53.4	3.7	1.98
Naaman W. Stoltzfus							
RH		31	31.0	93.5	51.1	3.9	1.98
Edgefield Farms							
Mix		32	59.4	96.8	52.6	3.7	1.93
Robert Kauffman Jr.							
R&GrH		27	72.4	90.7	50.4	3.8	1.90
S. R. Shellenberger							
R&GrH		31	67.5	87.2	47.2	3.9	1.85
Ellis D. Kreider							
R&GrH		26	53.0	96.2	50.0	3.7	1.83
Harold G. Shelly							
R&GrH		25	34.3	88.8	48.4	3.8	1.83
Ronald & Kathryn Kline							
R&GrH		28	46.0	89.1	47.4	3.9	1.83
Homer G. Hess							
R&GrH		35	36.6	86.4	50.6	3.6	1.82A
John M. Harnish							
R&GrH		35	125.9	91.9	47.1	3.8	1.81
R. Edwin Harnish							
R&GrH		31	40.1	87.1	43.6	4.2	1.81
John K. Peters							
R&GrH		26	46.4	90.5	47.6	3.8	1.81A
John P. Lapp							
R&GrH		27	39.3	96.9	44.3	4.1	1.81
Rufus G. Martin							
RG		35	28.0	88.3	49.7	3.6	1.80
Elam B. Rutt							
RH		29	69.0	87.8	51.4	3.5	1.79
Rhelda & Lynn Royer							
RH		29	48.7	87.6	44.6	4.0	1.79

[Continued on Page 83]

Frye capon champion

YORK, Pa. - A 9¾ pound capon exhibited by Jay Frye, York R1, was selected as grand champion at the 4-H Dressed Capon roundup held at the 4-H Center; Bair, last month. Roy Thompson, East Berlin, captured reserve R1, champion with his 11¼ pound entry.

Other blue ribbon winners were:

Brenda Werner, Hanover; Dawn Raubenstine, Hanover; Wanda Kneller, Brodbecks, Pa.; Pearl Kneller, Brodbecks; Emily Livingston, Dover; and Dawn Musser.

Poultry over a year ago

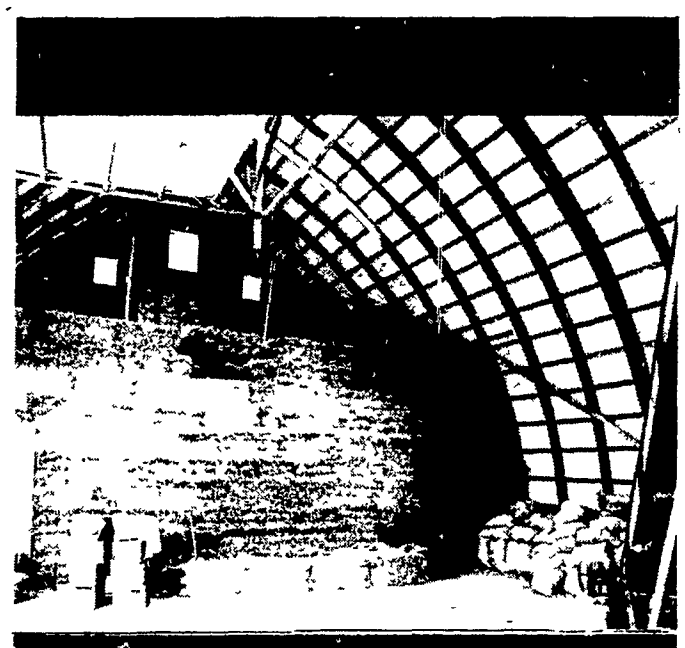
HARRISBURG, Pa. - Pennsylvania poultry production continued at levels above the 1975 production during the week ending Dec. 1, according to the Crop Reporting Service.

Placements of broiler chicks were 1,756,000. The placements were 41 per cent above the corresponding week a year ago and about the same as during the previous week.

Average placements during the past 10 weeks were 25 per cent above a year earlier.

Placements in the 21 key poultry producing states were 60,656,000, four per cent more than the same week a year earlier, but three per cent below the previous week.

Average placements in the key poultry states during the past 10 weeks were six per cent above a year ago.



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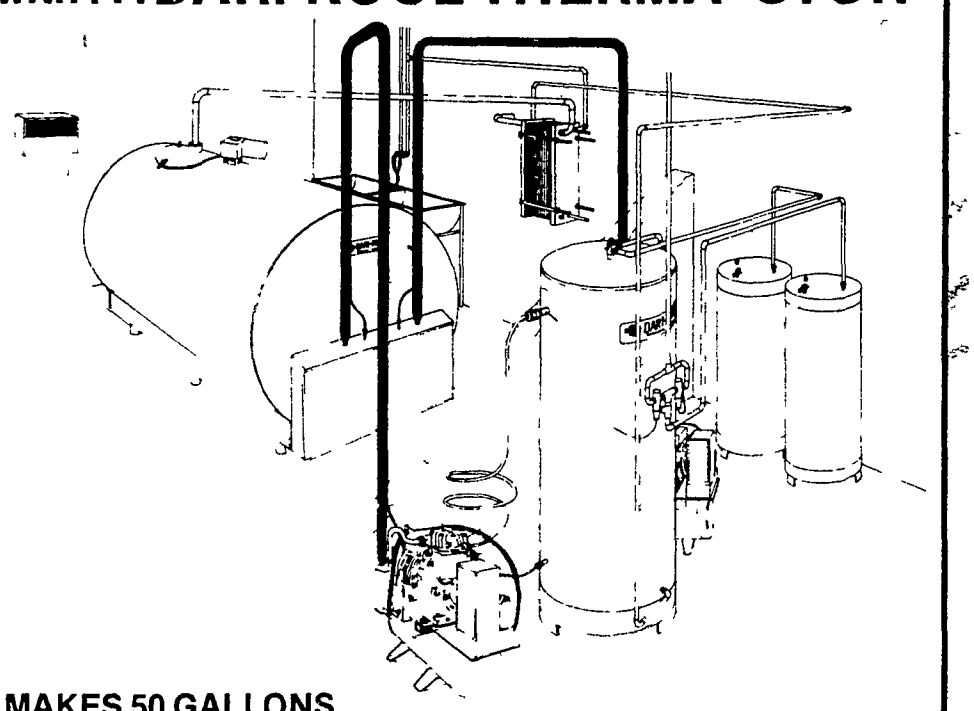

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Lancaster Co. DHIA

(Continued from Page 82)

K. D. & Else Linde						
R&GrG	29	48.0	88.8	39.1	4.6	1.79
Arthur D. Wenger						
RH	29	42.9	91.6	46.9	3.8	1.78
Henry E. Kettering						
RH	32	49.7	86.7	47.4	3.7	1.77
Jay C. Garber						
RH	32	125.3	90.0	47.7	3.7	1.76
John S. Wenger						
RH	29	48.6	92.2	45.7	3.9	1.76A
Elam P. Bollinger						
RH	33	47.8	92.7	48.3	3.6	1.75
Glenn C. Hershey						
RH	30	39.9	95.7	48.1	3.6	1.75
A. Dale Herr						
GrG	33	5.0	100.0	40.6	4.3	1.75
H. Landis Weaver						
R&GrH	28	57.0	96.9	45.0	3.9	1.75
Lanc. Mennonite Hospital Farm						
R&GrH	34	92.0	88.5	44.8	3.9	1.74
Nathan E. Stoltzfus						
RH	27	62.0	84.9	43.2	4.0	1.74
Moses N. Good						
R&GrH	31	39.9	97.1	45.6	3.8	1.74
Paul V. Nissley						
R&GrH	36	63.6	88.7	46.3	3.7	1.73
James G. Kreider						
R&GrH	25	141.0	91.1	47.3	3.6	1.72
Abram M. Stoltzfus						
R&GrH	30	46.0	93.2	45.3	3.7	1.72
Paul B. Zimmerman						
RH	37	36.0	83.1	41.7	4.1	1.71
Samuel M. Augsburger						
RH	28	30.4	83.2	44.3	3.9	1.71
David K. Stoltzfus						
R&GrH	24	27.1	97.8	48.5	3.5	1.70
Paul H. Hursh						
R&GrH	29	95.2	95.8	45.5	3.7	1.70A
Henry B. Leaman						
R&GrH	26	34.0	83.7	44.0	3.9	1.70
Samuel N. Myer & Son						
Mix	31	61.0	92.5	47.2	3.6	1.70
J. Z. Nolt						
R&GrH	31	37.3	74.5	43.7	3.9	1.69
Furry H. Frey						
RH	27	42.9	88.5	42.8	3.9	1.68
Samuel M. Martin Jr.						
R&GrH	35	60.0	90.4	46.8	3.6	1.68
Lenewood Farm						
RH	30	55.5	87.1	43.2	3.9	1.68
Daniel M. Stoltzfus						
R&GrH	35	44.0	81.6	43.7	3.8	1.68A
Amos M. Stoltzfus						
R&GrH	31	38.4	95.9	46.0	3.6	1.67
Edwin J. Landis						
R&GrH	28	84.9	96.2	45.4	3.7	1.67
Calvin D. Beiler						
R&GrH	30	54.8	84.3	44.6	3.7	1.66
Earl N. Landis						
R&GrH	34	51.4	79.8	46.9	3.5	1.66
Abraham Shelly Jr.						
R&GrH	25	41.6	83.3	45.5	3.6	1.66
Conewago View Farms						
R&GrH	31	56.0	91.2	39.2	4.2	1.65
Gordon L. Sangrey						
R&GrH	35	37.5	92.9	44.7	3.7	1.65
Dr. Paul S. Schantz						
Mix	33	25.7	88.7	45.1	3.7	1.65
David B. King						
R&GrH	34	30.3	93.6	45.4	3.6	1.65
Nelson H. Wenger						
RH	33	33.5	91.0	44.3	3.7	1.64
Donald B. Trimble						
Mix	29	43.0	89.6	43.4	3.8	1.64
Edgefield Farm No. 2						
R&GrH	25	33.2	84.2	45.3	3.6	1.64
Christian G. Becker						
R&GrH	34	45.4	93.6	46.9	3.5	1.64A
J. Eby Hershey						
RH	33	38.6	93.1	44.8	3.6	1.63
Ben S. Stoltzfus						
R&GrH	37	43.9	88.8	41.9	3.9	1.63A
Allan R. Shoemaker						
R&GrH	32	48.3	84.8	43.8	3.7	1.63
Robert F. & Joan B. Book						
R&GrH	33	74.4	84.4	44.3	3.7	1.63
George M. Hurst						
RH	28	52.2	85.2	44.0	3.7	1.63
Donald R. Bare						
RH	33	56.8	90.2	45.8	3.6	1.63
John N. Shirk						
Mix	28	38.0	91.2	45.9	3.6	1.63
J. Mowery Frey Jr.						
R&GrH	29	83.3	88.2	42.4	3.8	1.62
Carl L. Martin						
RH	27	82.3	84.2	39.6	4.1	1.62
J. Nelson Sangrey						
R&GrH	32	33.8	83.8	44.2	3.7	1.62

(Continued on Page 84)

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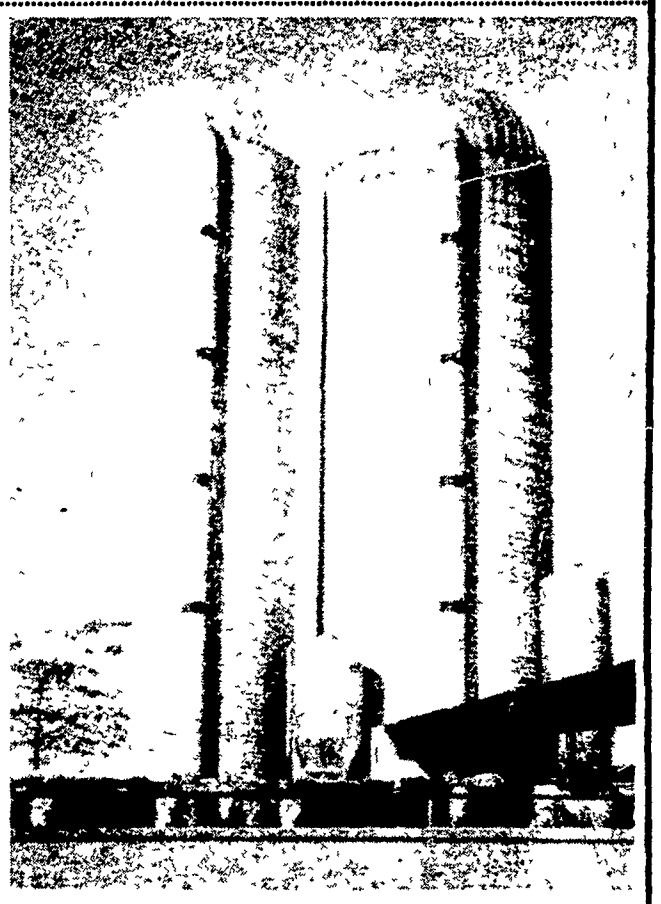

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Lancaster Co. DHIA

(Continued from Page 83)

Russel L. Kline Mix	33	31.1	86.9	42.3	3.8	1.62
Marvin K. Witmer R&GrH	32	37.8	95.0	45.5	3.6	1.62A
Irene H. Sauder R&GrH	28	34.8	83.4	44.0	3.7	1.61
Clyde W. Martin R&GrH	26	96.7	87.5	43.1	3.7	1.61
John K. Stoltzfus RH	33	32.5	89.5	44.3	3.6	1.61
Jacob S. Dienner R&GrH	28	37.8	85.5	44.5	3.6	1.61
Henry F. Zeiset R&GrH	34	43.4	85.3	43.4	3.7	1.61A
Marvin Reed R&GrH	30	33.3	92.3	42.6	3.8	1.61A
Henry & Paul Martin RH	26	34.2	88.6	41.8	3.8	1.60
Hiram S. Aungst R&GrH	31	51.5	81.3	43.2	3.7	1.60
Kenneth L. Beiler RH	31	54.0	87.7	45.0	3.6	1.60
Emanuel S. Smucker RH	32	34.2	91.0	42.1	3.8	1.60
Clair M. Hershey R&GrH	31	60.0	92.7	43.7	3.6	1.59
John A. Harsh R&GrH	30	35.4	86.9	37.6	4.2	1.59A
Rohrer Brothers R&GrH	32	50.2	77.8	41.3	3.8	1.59
Aaron S. Glick & Sons R&GrH	29	102.6	92.7	43.1	3.7	1.59
Allen Lee Stoltzfus RH	30	37.2	79.9	44.0	3.6	1.59
Donald M. Eckman R&GrH	30	54.9	87.4	42.0	3.8	1.59
J. Ray Ranck R&GrH	32	45.6	79.5	41.4	3.8	1.59
Harry S. Aungst RH	33	62.1	87.7	42.2	3.7	1.58
J Kenneth Hershey R&GrH	32	86.8	89.6	42.5	3.7	1.58
Samuel F. Sauder R&GrH	30	41.4	90.6	44.5	3.6	1.58
Don Ranck RH	34	55.1	81.2	45.1	3.5	1.58
Benuel F. Stoltzfus R&GrH	36	29.5	91.0	44.9	3.5	1.58A
Weaver & Burkholder R&GrH	25	40.4	85.4	41.2	3.8	1.57A
Glenn P. Book R&GrH	29	35.2	78.1	41.1	3.8	1.57
Ammon E. Reiff RH	32	35.5	88.9	50.1	3.1	1.57
Melvin L. Beiler RH	25	50.0	85.5	40.1	3.9	1.56
John J. Landis RH	29	51.7	85.7	40.8	3.8	1.56
Samuel F. King R&GrH	29	40.0	85.9	40.1	3.9	1.56
J. Robert Metzler & Son RH	31	45.0	89.0	41.7	3.7	1.56
Moses M. Weaver GrH	31	35.8	83.4	47.2	3.3	1.56A
P. Robert Wenger RH	28	42.0	79.4	41.4	3.7	1.55
Nathan G. Stoltzfus R&GrH	35	43.3	90.5	40.5	3.8	1.55
Jonas E. Zook R&GrH	31	34.9	81.0	42.8	3.6	1.55
Robert L. Shelly R&GrH	32	32.8	88.9	42.2	3.7	1.55
Ezra & Gerald Martin RH	30	47.6	82.6	44.4	3.5	1.54
Raymond & Louise Witmer RG	31	73.0	89.9	33.3	4.6	1.54
Mervin Sauder R&GrH	32	38.0	79.6	39.3	3.9	1.54A
Moses L. Lapp RH	57	35.1	87.5	37.3	4.1	1.54
Paul S. Horning R&GrH	34	46.3	75.4	41.1	3.7	1.54
Vernon R. Umbie R&GrH	31	67.7	81.4	38.1	4.0	1.54
Paul D. Welk R&GrH	30	69.8	84.7	41.0	3.8	1.54
Albert E. Fry RH	31	30.8	82.8	40.6	3.8	1.53
Ivan M. Hursh Mix	31	43.6	91.4	40.3	3.8	1.53
Wilbur Kreider Family R&GrH	27	89.3	85.2	38.1	4.0	1.53
Joseph C. Wivell R&GrH	28	81.0	86.6	40.8	3.8	1.53
J. Henry Stoltzfus R&GrH	33	35.0	81.7	40.4	3.8	1.53

Loganville 4-H holds achievement night

HAMELTOWN, Pa. - Rita Loughran and Tim Beck were named the Outstanding Girl and Boy by the Loganville Community 4-H Club during their achievement night on November 27. The awards meeting was held at St. Paul Lutheran Church, here, with a covered dish dinner for all families.

Entertainment during the evening program included a magic act by the neighboring Glen Rock 4-H club, The German Band, and "The Loganville Hillbillies," a comedy presentation by members of the club.

Project awards were presented to: Rebecca Brenneman, rookie girl; Robert Bricker, rookie boy; Gary Thoman, leadership; Linda Brown, achievement; Lori Miller, senior Citizenship; Crystal Shearer, junior citizenship; Tim Miller, archery; Andy Smith, beef; Ressie Warner, senior bicycle; Beth Bollinger, junior bicycle; Tom Perry, dairy; Charlene Doll, foods; Carl Loughran, gardening; Dale Doll, handyman; Donna Forry, photography; Carla Bollinger, rifle; Gail Reichard, senior sewing; Sheri Bupp, junior sewing; Carson Bupp, tractor.

Top cookie salesmen for the club were Linda Brown, Greg Perry, and Ressie Warner. They will attend special activities for cookie sales winners with 40 other county winners.

Bookend awards were given to members who submitted blue forms for competition. Submitting the forms were Cathy Bricker, Rochelle Diehl, Mark Loughran, Donna Ort, and Kathy Whitcraft.

New officers for 1977 were installed at the close of the program. Elected to serve for next year are: Tim Beck, president; Tom Perry, vice-president; Ressie Warner, secretary; Carla Bollinger, asst. sec.; Carl Loughran, treasurer, Kathy Whitcraft, asst. treas.; Linda Brown, news reporter; Becky Brenneman, asst. reporter; Lori Miller, historian; Tim Miller, asst. hist.; Greg Perry and Crystal Shearer, song and game leader.

The club has accepted an invitation to join the Shrewsbury club for caroling at Market Square, Shrewsbury, at 6:30 p.m. on Dec. 16. Following the caroling, there will be a Christmas party at the St. Paul United Church of Christ. Members are asked to bring a $1.25 gift for the exchange.

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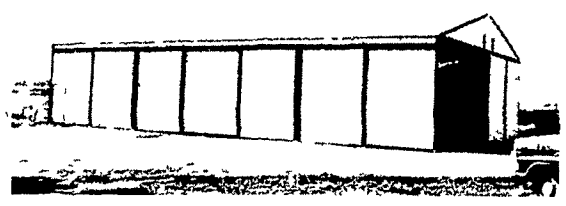

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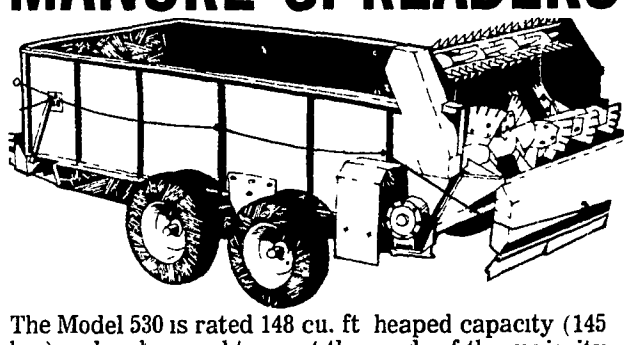

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Yes, parents, there is a Santa

By DIETER KRIEG

SMOKETOWN, Pa. - If you don't believe in Santa Claus, you're in for a surprise if you ever try writing to him. Chances are excellent that you'll receive a personal answer from the jolly old fellow. And he doesn't just write to the children, he'll write to grown-ups as well.

Lancaster County farm equipment and implement dealers, their employees, wives, and guests met here at the Good'n Plenty Restaurant last Tuesday for their annual Christmas dinner, and - you guessed it - Santa himself was the guest speaker. He spoke for an hour and 15 minutes, which can be torture when some "ordinary people" take to the podium, but when Santa's up there, you can listen forever and enjoy it. His talk was so well received, the audience of 303 persons chuckled with laughter for much of the program, listened most attentively throughout, and gave a standing ovation at the end.

Although Santa has been around for centuries, this particular one didn't come unto the scene until 1950. And he doesn't make his home at the North Pole (but don't tell your children that). Instead, he lives in Hanover, Pa.

The letter-answering Santa is Grover C Gouker, a former Hanover Post Office employee who is now associated with the Dale Carnegie School. Gouker told the group that he was disturbed by all the letters to Santa which were simply tossed into the wastecan. Consequently, he made arrangements to take possession of letters addressed to Santa and to answer each one. During his first Christmas season he received 289 letters. Today he averages more than 2400 per year from all over the country. Each receives a lenghthy personal answer on Santa's very own stationary. It's a monumental task, but Santa affirms he thoroughly enjoys it. "I've been interested in children for all of my life," the middle-aged gentleman told the equipment dealers.

Gouker read samples of letters for much of the program - most of them being funny, but a few which expressed sadness. One was from a girl with polio. She signed only her first name - no address, not even a post mark. But Gouker made every effort to reach her, and did. Her parents wrote later that she died happily because Santa had answered her letter.

The 27-year career as a letter-writing Santa Claus has given Gouker a tremendous source of joy in spite of the occasional problems and extraordinary long hours he has to keep during this time of year. More than 2000 letters aren't answered in one night, especially when form letters is something Santa vigorously opposes. Each must be kept personal.

Gouker has had one family write to him for 21 consecutive years. The second generation of that clan has begun corresponding with him, and to these folks and many others, Santa is very real.

Nearing the end of his remarks, Gouker said he will keep up his work for as long as he possibly can. "But if it gets to the point where I have to resort to form letters, that'll be the end of it," said Santa Claus of Hanover, Pa.

Then he parted with the words "Have a merry Christmas, everyone!"

Beef plan to be grilled

KANSAS CITY, Mo. - Leaders of the marketing sector of the cattle industry will gather here Dec. 17 to broaden their knowledge of the proposed beef market development plan and outline their role in supporting the upcoming referendum.

Approximately 50 marketing businessmen from across the country have been invited to discuss the proposed plan, by which cattlemen would assess themselves to fund greatly expanded beef research, promotion and education programs.

The referendum on the plan is expected to be held next spring, and must be approved by two-thirds of the cattlemen voting.

The meeting has been called by three members of the Beef Development Taskforce. The BDT is the industry-wide group that sponsored the Beef Research and Information Act, signed by President Ford in May, which authorized the referendum.

The meeting will begin at noon at the Marriott Hotel at Kansas City International Airport.

Red meat up

HARRISBURG, Pa. - Red meat production in Pennsylvania during October totaled 91 million pounds, two per cent more than October 1975, according to the Crop Reporting Service.

Hog slaughter at 259,000 head was up 35 per cent and calf slaughter at 40,500 head was up seven per cent from a year ago. However, cattle slaughter at 87,000 head was down eight per cent while sheep and lambs at 11,600 head were down nine per cent from October 1975.

Nationally, commercial production of red meat totaled almost 3.5 billion pounds in October. This is five per cent more than a year ago. Cattle slaughter was down eight percent from a year earlier; calf slaughter was down 19 per cent; sheep and lambs were down 22 per cent. However, hog slaughter was up 28 per cent from October 1975.

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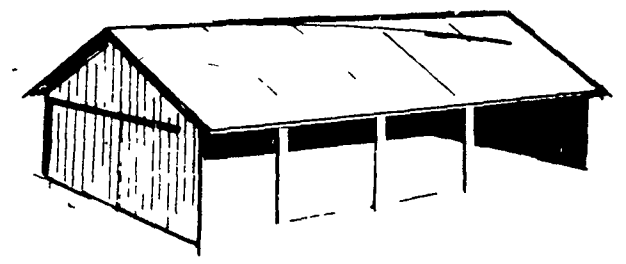

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Farm

[Continued from Page 63]

discharge for having completed his military time. Fairy recalls that, for many years, her grandmother received $10 monthly as a pension for Henry's Civil War service.

"My grandmother came with her parents from Germany also, traveling to New York on a "sailing boat." The family had eight children; and the youngest was only six weeks old when they sailed. They did not expect that tiny an infant to survive the long journey, but the child made it.

Henry and Christina Zeigler purchased their first piece of American soil on April 1, 1867, from Gregory and Sarah Dandy. For the sum of $869.12, they were given a deed to "twenty-six acres and fifty-four perches of land neat measure."

Six years later, in 1873, the Zeigler farm expanded with the addition of another 10 acres. A blacksmith all his life, Henry's shop was on the home farm, and still stands today, converted to other uses.

Mrs. Masimore's father, William Zeigler, was the youngest son of Henry and Christina. He purchased his parent's farm and worked the land while holding down outside work as well.

For two years, William taught schools in the area, receiving $28 monthly during his first year. The raise he was given the second year brought his monthly pay to $32.

Later he found work in nearby northern Maryland in a dynamite factory. For $80 monthly, he walked five miles each way daily, arriving there at six o'clock in the morning. After resting for about an hour, the men would then begin the long day's work.

When a mail carrier job opened near home, William applied and was given the job. For 26 years, he served in the postal position.

Her father died in 1902, but Fairy remembers that he often spoke of the old log cabin to the children when they were young.

"My uncle could remember getting up on bitter cold winter mornings and stepping in snow on the floor. Now we complain when the thermometer drops below the 60 degree mark," she laughs, shaking her head over today's "soft" society.

"When the log cabin area became too small, they expanded the living area by adding a large new part, sleeping in the barn while the addition was being built," Fairy remembers her father telling her.

Her memories of growing up on the farm are vivid even today; and she remembers the many experiences shared with her brother as children. The farm was a typical general one, keeping four or five milk cows, a few hogs and some chickens.

"I helped with everything when I was growing up - gardening, tending the animals and helping around the house," reminisces Fairy. "I never want to have to work as hard as they did in the past; but at the same time, I miss the neighborliness and friendliness of the people. No one visits with their neighbors any longer."

When Fairy had married, she and Vernon bought the family farm. Her mother requested that she be able to live out her life there, and that the farm would in turn be passed down to Fairy and Vernon's oldest son.

Today, Richard Masimore owns the cherished family land. He and his family have built a new ranch house on the hill overlooking the farmstead. The crops are put out as a joint family effort.

In fact, just about everything this family does is a joint concern. Vernon Masimore and three of his four sons operate a construction firm. One son is an electrician, one a carpenter, and Richard is a plumber.

"The family business allows them to take time off in the spring and plant the crops," explains Fairy. The fourth, and youngest, son works in the scientific field and lives in West Chester, Pa.

With their roots buried deeply in this part of York County, the Masimore family continues their stewardship of the gently rolling hills on their "century farm."

EDITOR'S NOTE: This is the 30th story in a continuing series on farms in LANCASTER FARMING'S prime coverage area which have been in the same family for more than 100 years. Agriculture is the foundation of any civilization; the Bicentennial Farm features are LANCASTER FARMING'S way of saluting and recognizing the contributions farmers have made to America's greatness.

Mrs. Fairy Masimore treasures the family documents. She often reads them on quiet Sunday afternoons and especially treasures this discharge paper, presented to her grandfather for his Civil War service.

'Job' earns gold medal

TUNKHANNOCK, Pa. - A registered Holstein bull owned by Sire Power, Inc. headquartered here and in Frederick, Md. has been designated Gold Medal Sire by the Holstein Friesian Association of America. He is 9H143 Hillbrook Standout Job 1597691 GM.

Only those registered Holstein bulls having daughters that meet high standards for both milk production and body conformation are awarded Gold Medal honors.

Job permanently joins the Gold Medal Sire ranks after being designated as both "Production and Type Qualified" in the recently published Registered Holstein Sire Performance Summaries. The Holstein Association, in cooperation with the USDA, calculates and prints sire performance information three times a year. These facts are used by dairymen as a guide for selection of sires for use in their herds.

Golden egg future seen

WASHINGTON, D.C. - Egg producers have had a good year and prospects look favorable for 1977. However, broiler and turkey growers once again face their recurring "boom and bust" cycle. A year ago poultry producers' profits were good and the outlook favorable. Producers responded by stepping up 1976's output to record levels. However, prices suffered and poultry producers found themselves in a price cost squeeze by late summer.

Prospects for the first half of 1977 are not very favorable for broilers and turkeys, according to a summary of Poultry and Egg Situation from USDA.

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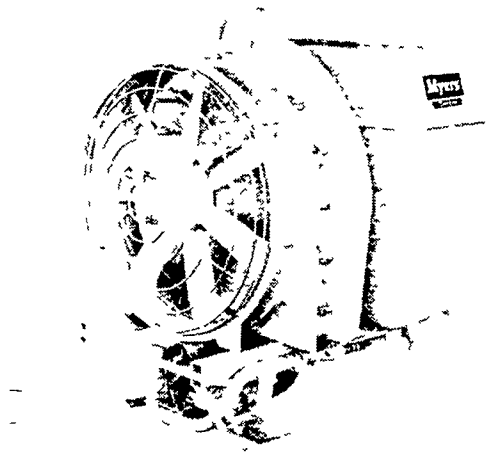

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Manure management

Practicality is of main concern

Gerald Bodman

By DIETER KRIEG

LEINBACHS, Pa. - Before any farmer makes up his mind on how he's going to handle and store manure on his farm, Penn State Extension Agricultural Engineer Gerald Bodman suggests he take a good hard look at the alternatives. It's important to keep things practical and simple, he emphasizes.

Bodman made the remark during a presentation on manure management, which was part of the Dairy Day programs held this week at four different locations in southeastern Pennsylvania One of these sessions was held near this Berks County community at the Berks County Agricultural Center.

Showing slides of various types of manure storage systems, Bodman pointed out the advantages and disadvantages of each. He commented that the earthen bank manure pond is still the most practical and least expensive. One such facility is located on the Donald Trimble farm near Peach Bottom.

"You should question the mode of operation and hauling," Bodman suggested. He cited one study showed that 80 per cent of a farmer's manure handling time was spent driving back and forth from the field. In another case, three out of every four loads were water. A third study on a New York State research farm which is owned and operated by a large farmer cooperative, showed that one man could empty an above-ground storage facility in just 22 hours. It contained 190 days worth of manure from 53 cows. While expressing some reservations on a few above-ground storage facilities, the Penn State ag engineer had high marks for the New York farm's program.

A simple manure pond, such as this one on the Don Trimble farm in southern Lancaster County, is thought to be one of the most practical ways to store manure.

Aside from the pond and above-ground facilities, Bodman also introduced the audience to a relatively new concept in Pennsylvania - the slotted dam. (See pages 20-21 of last week's Lancaster Farming.) This principle features two storage areas at different levels which are separated by a "slotted dam." The upper storage area collects solids, while liquids collect in the pond below. The system allows for conventional hauling in the upper facility and mere pumping once a year from the pond.

A modification of the manure pond can be found on the Matt Young farm, also in southern Lancaster County. The Peach Bottom area dairyman is experimenting with an anaerobic lagoon and so far it's successful, Bodman exclaimed.

Hauling methods are of uppermost concern to Bodman, who claims that the wrong system could cost the farmer several hundred dollars in maintenance per year. In some cases, he noted, it's cheaper to go to irrigation of manure liquids. Questions on drift, odor and evaporation must then be considered. The Extension engineer also pointed out that many of the systems on the market today - since they are relatively new - have not yet withstood the test of time. "Equipment is nice when it's new," he emphasized, "but it'll all take upkeep eventually."

Bodman cited cost figures of manure storage systems which ranged from 15 cents to $2 per cow per day manure is stored. With this in mind, he underscored his belief in keeping things simple and practical. "Look at it hard, question the practicality of your alternatives," he advised.

In closing his remarks, Bodman gave a quick review on proper injection techniques, automatic free-stall barn scrapers, and safety controls on pumps. The latter is expected to become mandatory in the near future.

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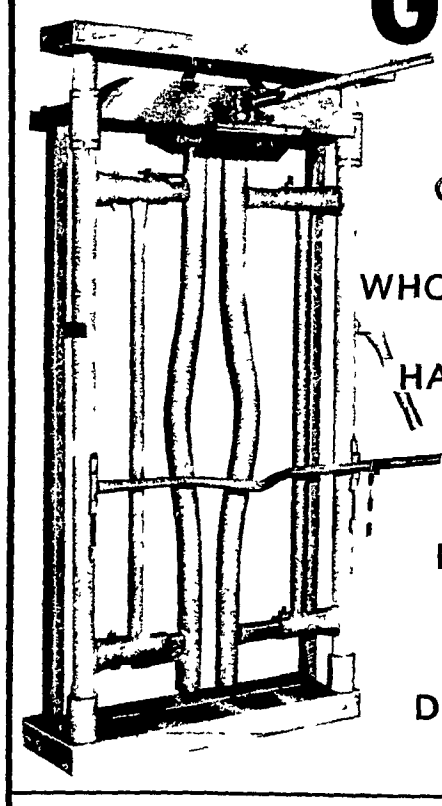

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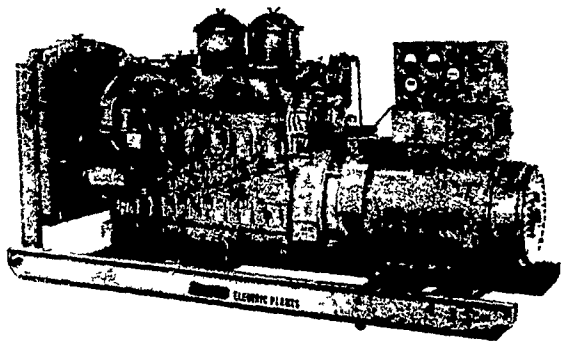

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Meat export markets sought

DENVER, Colo. - The U. S. Meat Export Federation has announced plans to open offices in the Far East and in Europe in 1977.

The announcement followed an MEF executive committee meeting at which it was decided to go after a larger share of the foreign red meat and variety meat market without delay.

The MEF is an international market development organization which was formed this year to promote beef, pork and lamb in overseas markets. Its members now include 19 livestock and meat organizations. For each dollar generated by the private sector, the Foreign Agriculture Service will provide two dollars for market development overseas. The MEF headquarters office is located temporarily in Denver.

Alan R. Middaugh, MEF president, said the executive committee decided to move ahead, more quickly than previously planned, with the establishment of a Far East office in Tokyo and a European office at a site to be selected within the European Economic Community.

The decision to open a Far East office was made following a recent visit to Japan, Hong Kong and Singapore by Middaugh and Robert Mannion of FAS.

"Based on what we found in Japan," Middaugh said, "I'd rate the Far East high on our priority list. The biggest potential in Japan is in quality U. S. meat for the hotel and restaurant trade, but the volume of U. S. meat in Japanese supermarkets also is increasing.

"At present, Australia accounts for 90 per cent of Japan's beef imports, and the U. S. shares the remaining 10 per cent with other countries. We think it's possible to increase the U. S. share to at least 40 per cent in the not too distant future. We also think that U. S. exports of pork to Japan can be increased. Pork is under a variable levy system, but, unlike beef, it enjoys complete market access.

"A full-time MEF employee in Tokyo can develop new and expanded markets for meat as well as meat by-products. A Tokyo office also can bring about improved relations with the Japanese government, leading to a reduction in the quantitative restrictions now placed on U. S. meat suppliers."

Middaugh plans to survey the market in Europe in March. While there, he will study alternative locations for the MEF's European office.

The European Economic Community's current import system severely restricts meat from other countries, Middaugh noted, but there still is great potential to increase shipments of U. S. variety meats in particular.

The value of the U. S.' annual exports of meat animals, meat and meat products is about equal to the value of imports. However, the exports are largly by-products like tallow, grease, hides and skins, as well as variety meats. Shipments of beef, veal, pork and lamb are very limited. In fact, annual exports of red meats now amount to only about 0.7 per cent of U. S. production.

"Through the MEF program," Middaugh said, "we hope to increase exports of products which already are shipped in substantial amounts - namely variety meats. In addition, we are confident that we can gradually markets for primal-type meat cuts."

The MEF is seeking greater support among individuals, firms or associations active in livestock production, meat packing and processing and meat distribution. Information is available by writing or calling the MEF at P.O. Box 569, Denver, Colo. 80201.

Soybean growers say 'hands off'!

HUDSON, Iowa - The American Soybean Association has recommended that the soybean loan level be set at 65 per cent of total production cost, or approximately $3.50 per bushel. The action came during ASA's annual winter board meeting in New Orleans,La.

"We continue to believe in and will fight for the right to produce and market our crop without government interference," said ASA President Gerald Michaelson of Dawson, Minn.

The association also requested that no target price be established for soybeans.

"Our policy has always favored free enterprise," said Michaelson. "If the target price or loan level were set too high, it would encourage production of competing products around the world. Then U. S. soybean producers would become residual suppliers."

Michaelson also announced expanded market development activities to assure a continued increase in demand. Technical seminars and feed demonstrations in Europe, Central America and the Far East have helped double soybean exports in the last 10 years, he said.

Major emphasis in ASA's current market development program includes expansion of activities in the Mideast, Soviet Union, Eastern Europe and Spain, as well as a nationwide campaign in West Germany to introduce 100 per cent identified soy oil products. The program is designed to capture an additional $60 million in soy oil utilization in West Germany.

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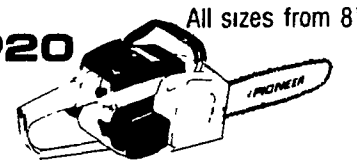

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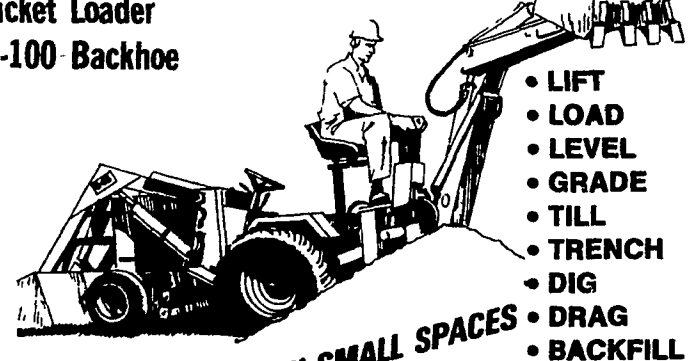

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Chief inspector named

WASHINGTON, D.C. - The U.S. Department of Agriculture announced that Donald E. Wilkinson, administrator of USDA's Agricultural Marketing Service (AMS), will temporarily head the Federal Grain Inspection Service that was established Nov. 20, when a grain inspection law enacted last month went into effect.

Wilkinson said he planned to take a "very active role" in overseeing day-to-day activities of the Inspection Service until a permanent administrator can be nominated by the President and confirmed by the Senate. At the same time, Wilkinson will continue his duties as AMS administrator.

Named by Mr. Wilkinson as acting deputy administrator of program operations in the new agency is David R. Galliart. Mr Galliart was director for the AMS grain division.

About 780 AMS grain division employees involved in inspection and standardization have been transferred to the Federal Grain Inspection Service. Most were stationed in the division's 33 field offices, which have all been taken into the new agency. Plans are underway to recruit additional employees, eventually bringing the total to over 2600.

The Market News Branch, Plant Variety Protection Office, Wheat Research and Promotion Program, and Seed Branch of the AMS grain division will remain in AMS.

Officers of the Pennsylvania Grassland Council for 1977, elected at the organization's recent annual meeting on The Pennsylvania State University Campus are from left: Donald R. Daum, Penn State Extension agricultural engineer, president; John Charles Itle, of Ebensburg, vice president; Dr. John H. Baylor, Penn State Extension agronomist, executive vice-president; Richard Hann, of Milton Hershey School Farms, Hershey, secretary-treasurer; and Ivan Kaufman, of 1130 Aquilla Drive, Lancaster, immediate past president.

Farm income down

HARRISBURG, Pa. - The November 15 Index of Prices received by Pennsylvania farmers decreased one per cent from the previous month, but showed a gain of one per cent from a year earlier, according to the Crop Reporting Service.

Lower prices for wheat, most feed grains, broilers, and meat animals more than offset slightly high prices for hay, potatoes, apples, milk cows, and some poultry. The purchasing power of prices received in November remained unchanged from a month earlier, but was down three percentage points from November 1975.

Nationally, the Index of Prices received decreased three per cent from October and six per cent below a year earlier. Contributing most to the decrease since mid-October were lower prices for feed and food grains, grapefruit, hogs, and cattle. Higher prices for eggs and soybeans were partially offsetting. The purchasing power at the U.S. level was two percentage points below October and 10 percentage points below a year ago.

PUBLIC AUCTION

45 ACRE FARM

New Year's Day, Jan. 1, 1977

Located between Allentown & Hamburg just west of Krumsville along Rt. 22 in Greenwich Twp., Berks Co., PA.

Farm consists of approx. 45 acres of gently rolling land whereon are erected a 2½ story frame dwelling; 2 story frame bank barn, 2 car garage, 2 lg. equip. sheds; corn crib shed; heated garage-office. Dwelling has 2 kit. & 2 LR, enclosed porch on 1st floor; 2nd floor has 4 BR & bath, oil h-w heat. Will be offered in two parcels and as entirety. Frontage on both old & new Rt. 22. For inspection call 432-0895.

Sale ordered by

Earl Odenheimer & Atty. Richard Rauch

Executors for the

R.H. ODENHEIMER ESTATE

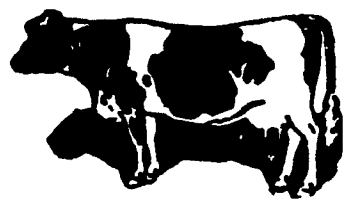
Sale conducted by

Ralph W. Zettlemoyer Auction Co.

Tele. - (215) 285-4616

PUBLIC SALE

OF REGISTERED AND GRADE HOLSTEIN DAIRY



SATURDAY, DECEMBER 18, 1976

1:00 P.M.

Located between Milbach & Richland, Lebanon County, on the farm. Travel north on 419 to Milbach Mennonite School. Turn left to the farm on the right. Watch for signs.

30 MILK COWS TO SELL

This herd is of all Curtiss Breeding, showing real Dairy-type and good udders. Many cows milking 60-70 lbs. There will be 8 fresh by sale day, 4 due Feb.; 2 due March; balance of cows are in various stages. This young herd is only being sold because THE OWNERS ARE MOVING TO NEW YORK.

So, take advantage of this December Sale only starting at 1:00 p.m. There are not many cows to sell, but those cows selling will be worth your while to be there . . . Also selling:

2—50-lb. SURGE UNITS
2—40-lb. SURGE UNITS
STAINLESS STEEL STRAINER
AND COW STRAPS

Cows pregnancy checked and health charts day of sale.

SALE UNDER TENT

Sale By

MELVIN N. & ARLENE S. MARTIN

Sale Conducted By:
Randal V. Kline (717) 733-1006
Lloyd H. Kreider, Auctioneers
Dale Hoover, Pedigrees

R. KLINE, AUCTION SERVICE

R.D. 1, STEVENS, PENNSYLVANIA 17578

SPECIAL NOTICE

GILBERT'S STORE

R.D. No. 1, WRIGHTSVILLE, PA.,
AT LONG LEVEL

½ PRICE ON ENTIRE STOCK

In order to empty building before closing for the winter we will sell all stock at ½ price. Remember not just a few items but our entire stock at ½ price. This sale for a limited time. Come early for best selections.

OPEN THURSDAYS & FRIDAYS—1 P.M. to 9 P.M.
SATURDAYS — 10 A.M. to 4 P.M.

Store closes for the winter Friday, December 17. don't miss this sale. All sales Cash & Final. .

JACOB A. GILBERT, Prop.

EVENINGS & DAY

AUCTION

MONDAY EVE. DECEMBER 13, 1976

6:00 P.M.

SATURDAY DECEMBER 18, 1976

10:00 A.M.

Balance of contents of Country Hardware Store

Located at intersections of Route 41 & 10. Village of Cochranville, Pa. 8 miles N. of Oxford, Pa. - Chester County.

Over 5000 items of all descriptions found in country store - this is a cont'd auction to liquidate balance of personal property. Don't miss these auctions -

Not respo. for accidents - Terms cash or "good check". Lunch - Cochranville Methodist Church.

By order of

Emma E. Gill

Executrix of estate of Leon H. Gill

Whiteside Auction Service
215-932-2291
Harry W. Whiteside - Auctioneer

CLIP & SAVE

Public Sales Register

SAT. DEC. 11 - Public Sale of Tools and Antiques. Located in the village of Rehrersburg, Berks Co., Pa. Sale to be held in the basement of the Keystone Fire Co. building. Conditions by John H. Breidegam. Ben Habacker, F. J. Balthaser and Terry Faust, Auct.

SAT. DEC. 11 - 9:00 A.M. Public Sale of Antiques, Household Goods, Truck, Coins, Hand & Shop Tools. Located RD 1 Pequea, village of Colemanville, Lancaster County, Pa. (take rt. 324 about 12 miles south of Lancaster; between Martic Forge & Pequea.) Sale by Frank Morrison Estate. Howard Shaub and Roy C. Probst, Auctioneer

SAT. DEC. 11 - 10:00 AM - Public auction of Real Estate, cattle and farm machinery. Location: 2 miles off Rt. 29 at So. Montrose from the blinker light, past conservation club, Sterling Rd., Susq. Co. Follow arrows. Bob Canfield, Owner, Jerry Burke, A. H. Heller, Auctioneers.

SAT. DEC. 11 - 11:00 AM - Public Sale of Farm Machinery, trucks, cars, boats, snow blowers, livestock and furniture. Also antique boats, cars, carriages, guns. Location: From Easton take Route 33 to Route 370 (across Miles River Bridge) to Unionville - follow signs to Lombardy Farm, Easton, Maryland. Dr. James C. Walsh, Owner. Harry Rudnick & Sons, Inc., auctioneers

SAT. DEC. 11 - 10:30 A.M. Public Auction of Binghamton Construction Liquidation. Located on Airport Road, Binghamton, New York, next to Airport Drive-in, 2 miles from Broome County Airport, Exit 71 and off Rte. 17. Ed Goodrich, Jr., Auctioneer

SAT. DEC. 11 - 1 P.M. Absolute Auction of Trucks, Cattle Trailers, Van Trailers, Flat Trailers located at Vintage Sales Stables, Inc., 10 miles East of Lancaster, 12 miles West of Coatesville, Rt. 30, Paradise, Lancaster Co., Pa. Sale conducted by Whitford Sales Co., L. Robert Frame, Auct. Box 98, Uwchland P.O., Eagle, Pa. 19480

SAT. DEC. 11 - 11:30 A.M. Registered & Grade Holstein Dispersal. 70 Head, Milking Equipment, Hay & Silage. Location: Turn off Rt. 20 (Russellville, Chester Co.), take Rt. 896 south, turn right onto University Rd., or turn off Rt. 1 at the Lincoln University gates. Go toward Russellville, Watch for arrows. Sale by Lester & Juanita Lewis. Carl Diller & J. Everett Kreider, Auctioneers.

Public Sales Register

SAT. DEC. 11- 10.30 A.M. Special Horse Sale at the Danville Livestock Market, located old Rt. 11, Danville, Pa. Owner Melvin M. Lehman.

SAT. DEC. 11 - 11:30 AM. Registered and grade Holstein dispersal including milking equipment, hay and sileage. DHIA average 14,358-548-3.8 per cent, 70 head, certified and accredited. Located south of Russellville, take 896, turn right on University Road. Watch for sale signs. Owners, Lester and Juanita Hewis. Carl Diller and Everett Kreider, auctioneers.

SAT. DEC. 11 - 2:00 PM. Public sale of valuable real estate. Located in Brownstown off of West Main at 80 Hillside Drive. Terms by Alvin R. George and Lloyd B. Mentzer. Robert E. Martin, 656-7770 and Frank Steller, 656-8195

MON. DEC. 13, 1976, 6:00 PM & SAT. DEC. 18, 10:00 AM - Located at intersections of Route 41 & 10, village of Cochranville, Pa., 8 miles North of Oxford, Pa. (Chester County). Balance of contents of country hardware store. Emma E. Gill, Executric. Whiteside Auction Service, Harry W. Whiteside, auctioneer.

MON. DEC. 13 9 a.m. - Consignment Farm Equipment Auction at Wenger's Farm Machinery located at South Race St., Myerstown, Penna.

TUES. AFTERNOON, DEC. 14 - 1 P.M. Auction of Good Dairy Cattle to be held at Rumsey Sales Dairy Barn, on Cameron St., in Bath, N.Y. Clarence Brown, owner. Rumsey Sales, Bath, N.Y.

WED. DEC. 15 - 2 P.M. Public Sale of 52 Acre Farm. Located along South Kinzer Ave., (2 miles south of New Holland) Earl & East Earl Townships, Lancaster Co., Pa. Terms by C. Walter Martin. T. Glenn Horst, Auctioneer.

WED. DEC. 15, 1976 - 51 head of high grade Holsteins at the New Holland Sales Stables, New Holland, Pa. Glenn Fite, Owner, Abe Diffenbach, Manager

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WED. DEC. 15 - 7:30 P.M. Special Cow Sale at the Smoketown Quality Dairy Sale located 5 miles West of Intercourse and 5 miles East of Lancaster on Rt. 340. Sale by Gordon W. Fritz; Frank and Paul Snyder, Auctioneers.

THURS. DEC. 16 - 5:30 P.M. Public Auction at the Hat & Gavel Auction Co. located one mile North of Lititz along Rt. 501. Wilbur H. Hosler, Auctioneer.

THURS. DEC. 16, 1976 - 10:00 A.M. Public Dairy Herd Dispersal Sale. Located two miles north west of Hamburg, take Rt. 61 [illegible]th from Rt. 22 exit, tur[illegible]t at the Chiropractic [illegible] & State Police Sta[illegible]1st road left to farm [illegible]ilden Twp., Berks [illegible]a. Sale ordered by [illegible]s G. & Alice M. Werk[illegible] Sale conducted by Ralph W. Zettlemoyer Auction Co.

CANCELLED

THURS. DEC. 16, 1976, 11:00 AM - At Maryland Barn located ½ mile N.W. of Woodsboro on Rte. 550 in Frederick Co., Maryland. 150 head of Holsteins hand picked. 75 Purebreds, several classified and DIH records. Melvin Kolb, Auctioneer.

FRI. DEC. 17 - 1:30 P.M. State Graded Pig Sale at Westminster Livestock Auction, Westminster, Md.

AUCTION

SATURDAY, DECEMBER 18

Starting At 10 A.M.,
Location—Bloomsburg, Pa. R.D.4 (Welliverville)
Follow Iron Street On Route 42 North 1 Mile Turn Right At Omans Service Station On The Millertown Road. Go About 8 Miles. (Follow Auction Arrows)

ESTATE OF THE LATE C. BERYL HICKEY

REAL ESTATE 115 ACRE FARM

HOUSEHOLD ANTIQUES · COLLECTABLES

14 TON HAY (CLOVER, TIMOTHY, ALFALFA)

CUT GLASS PCS., CUT GLASS BOWL (DAISY), CUT FRUIT BOWL W-STERLING BAND, LOT'S OF STERLING; FLATWARE, COMMERATIVE SPOONS, STERLING CANDY DISH, 4 POOLES PEWTER CANDLE STICKS, HAVILAND DISHES, BAVARIAN CHINA, GERMAN DISHES, NORITAKE, CHELSEA PLATERS, SERVICE OF 8 LIMOUGES, COPPER LUSTER PITCHER (LG.), MAJOLICA, ART GLASS, ALBA WASH BOWL & PITCHER, DEPRESSEION WARE SERVICE OF 10 BAVARIAN CHINA W- GOLD BAND, WEDGEWOOD SOUP TURINE, BRASS HANGING LAMP W-OPALESCENT SHADE, PHENIX GLASS BOOKENDS (PEACOCK), LALIQUE BOWL W- FISH (SIGNED), FOODOG INCENT BURNER, KING RICHARD CAST STATUE, ALABASTER CLOCK, BANJO MIN. CLOCK (NEW HAVEN), REED & BARTON GRAVEY BOAT, PATTERN GLASS, CRUIT, BUTTER BOWL, IRISH LINEN PLACE SETTING, TINS, HAT PIN HOLDER, KEROSENE LAMPS, LITTLE LEATHER LIBRARY (POMES). OLD BOOKS. GRANET WARE.
QUEEN ANN DROP FRONT SECRETARY, FANCY ROCKERS, WALNUT CHAIRS, MOHAIR COUCH, WALL STANDS, MARBLE TOP PARLOR STANDS, HANGING BOOK CASE W- DRAWERS, SEWING STAND, WALNUT GATE LEG DROP LEAF TABLE, 7 PC. TWIN BEDROOM SUITE, 6 PC. TWIN BED MAHOGANY BEDROOM SUITE, 5 PC. HAND PAINTED COTTAGE BEDROOM, 2 PC. MAHOGANY BEDROOM, QUILTS, BLANKETS, PORTABLE CRUFIX IN CARRY CASE, PICTURE FRAMES, ROPER GAS RANGE, NEW 14.2 CUBIC HOT POINT REF., 5 PC. MAPLE BREAKFAST SET, MAPLE DESK, WRINGER WASHER, ELECTRO LUX SWEEPER, ELEC. HEATERS, UTILITY CABINET, FLOOR LAMPS, ETC., WICKER BASKETS, BARRELS, PUSH CART FROM PURSEL'S DEPT. STORE, PLUS MANY UNLISTED ITEMS.

REAL ESTATE TO BE OFFERED AT 1:30 P.M.
LOCATED IN COLUMBIA COUNTY, MOUNT PLEASANT TWP. 115 ACRE FARM WITH STREAM. BLACK TOP DIVIDES FARM ENHANCING DEVELOPMENT POTENTIAL. APP. 60 TILLABLE AND 40 WOODLAND. FARM OFFERS A 2 STORY WOOD FRAME DWELLING, HAVING 4 BEDROOMS AND BATH, 1 ST STORY HAS KITCHEN, DINING, LIVING, DEN, AND BATH. ENCLOSED BACK PORCH. 2 OUT BUILDINGS AND LG. BARN. LAND MUST BE SEEN TO BE APPRECIATED. FOR APPOINTMENT TO VIEW PROPERTY PRIOR TO SALE CALL AUCTIONEER.
TERMS- PERSONAL PROPERTY - CASH
REAL ESTATE $20,000 DOWN DAY OF SALE BAL. IN SIXTY DAYS. BUYER PAYS ALL TRANSFER TAXES. STATEMENTS MADE DURING REAL ESTATE DAY OF SALE TAKE PRECIDENCES OVER PREVIOUSLY WRITTEN MATERIAL.

AUCTIONEER: JOHN AUTOTORE
717-784-3506
ADMINISTRATOR: JOSIAH B. BOONE
ATTORNEY: THOMAS J. EVANS
SALE HELD IN HEATED TENT

HAT & GAVEL AUCTION CO.

1 Mile North of Lititz on Route 501

THURSDAY EVENING, DECEMBER 16, 1976 5:30 p.m.

FURNITURE, COLLECTIBLES & HOUSEHOLD

GE Coppertone refrigerator-freezer combination; jelly cupboard; single bed, chair combination, double bed, box spring & mattress, chest of drawers dresser, gold sofa, fireplace equipment, Naval officer club tea cups & saucers, depression glass, china, butter scale, mantle clock, cherry seeder, 1910 Calendar plate.

NO COINS THIS SALE.

WE SPECIALIZE IN PUBLIC AUCTIONS, ESTATES AND ANTIQUES.

WILBUR H. HOSLER
306 Owl Hill Road, Lititz

Harold K. Galebach, Partner

HAT & GAVEL AUCTION CO. SELLS ON COMMISSION — CALL 626-0254

Receiving Hours: Monday, Noon to 9 P.M.; Wednesday, 9 A.M to 5 P M ; Tuesday, Pickup Day

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PUBLIC SALE

OF VALUABLE REAL ESTATE

WEDNESDAY, DECEMBER 29, 1976

Located 3½ miles South of New Holland along Mentzer Road, 3½ miles Northeast of Intercourse, Lancaster County, Pa.

REAL ESTATE consists of a farm containing 57 acres more or less, 6 acres meadow, balance farm land. Improvements thereon are 2½ story frame dwelling house with 3 rooms on first floor, 5 rooms on 2nd floor, running water in kitchen, summer kitchen attached. 40'x60' round roof bank barn built 9 years ago, stable room for steers, 10'x50' concrete stave silo, 24'x24' 2 car garage, brooder house, and 12'x14' milk house.

SALE AT 2 00 P.M.

Conditions of Sale by:

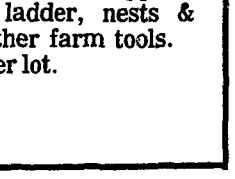
ELLIS AND RUTH MENTZER
New Holland RD No. 2
717-354-7886

Attys- Louis S. May
John S. May
For
May, Grove, Stork, Blakinger, Attys.
Leroy Zook and Leon Kurtz, Aucts.

Inspection for farm Dec. 18 and Dec 27 from 1 to 4 P M

FRANKLIN COUNTY PUBLIC SALE

OF FARM MACHINERY



SAT. 18th DEC.

At 1:00 P.M.

Former Lyon's Farms located between Waynesboro, Pa. and Leitersburg Md. just ¼ mile east of Rt. 316 along the Lyons Rd.

Farm Machinery 504 Farmall; 340 Int. with Kelly 500 loader; John Deere 1010; Farmall H with woodsaw, real sharp N.H. 273 kick-back baler, like new N.I. 323 single row corn picker, A.C. 8 ft. transport disc; nice 450 N.H. mower, N.I. 5 wheel rake, off set 3 pt. bush hog; 3 wagons with hay racks, J.D. 3 pt. 2 & 3 bottom plows, J.D. & N.I. 206 manure spreaders, 28 ft. elevator, 2 row corn planter, 16 disc Int. drill; fiber tank Hanson sprayer, Rosenthall husker & shredder, 2 wooden double horse trailers, 2 cultivators, 3 pt. scrapper & snow plow, hay bunk wagon; hay conditioner, J.D. fluffer, 24 tooth harrow, oats roller, old stone sled, nice Dynamark riding mower, Echo chain saw, tractor chains, several feed carts, 5 hand pump oil drums, old corn sheller, wheelbarrow, 220v heater, platform scales, hand bottling machine, cow clippers, air compressor, 40 ft. extension ladder, nests & feeders, harness parts, forks and other farm tools. Hay 400 bales of mixed hay - sold 25 per lot.

Auctioneer J. Rodger Wildeson
Ph. 717-263-5222

SPECIAL COW SALE

SMOKETOWN QUALITY DAIRY SALE

WED. DEC. 15, 1976

7:30 P.M.

5 miles West of Intercourse, Route 340 and 5 miles East of Lancaster, Pa.

These cows and Heifers are out of New York, New Hampshire, Canada, and Vermont. There are Purebred and Grade Cows, fresh or right ready. These are good young cows and heifers. These cows are hand picked or out of dispersal sales. Some have milk records.

Sires Include-
Glenafton Charm, her Dam as a 3 yr. old 16,867-616F.
Weed Farm Jason Earl, bred to Nowerland Elevation.
Paclamar Capsule bred to Willow Farm Rockman Ivanhoe.
Saxojac Sherry Rambler Robbie bred to Davis Bull.
Northcraft Admiral Citation bred to Maridon Madison.
Collins Crest Paclamar Seven J. and bred to Paclamar Christmas with a milk record of 14,901M, 591F. Born 3-25-76.
Paclamar Double Triune bred to Eccles Farm Fay Black Diamond, milked over 10,000, born 7-22-73.
Collins Crest Majesty bred to Paclamar Astronaut, milked over 12,000, born 12-27-72.
Walloosac Fury Hector bred to Lucky Oak Ridges Ted, Good Plus 81, with quality to score higher. Her milk records are - 2 yr. 8 mo 345 dy. 12,865M, 484F; 3 yr. 9 mo. 337 dy. 15,983M 620F, Her Dams records are 305 dy. 18,190M, 673F, 301 dy. 20,160M, 727F. 292 dy. 19,540M, 683F.
Simpson Farm Tidy Jet bred to Elevation with two records over 20,000M, born 9-16-69.
Davelen Farms Della Mite bred to Plushanski R.A. Kingpin Willie.
Several Purebred and Grade Heifer Calves.
Cows milked at regular times. T.B. and Blood Tested.
Cash or good check night of sale.

Sale by
GORDON W. FRITZ
717-393-0930

Frank & Paul Snyder, Auctioneers.
Carl Diller, Pedigrees

Know Where the Activities Will Be?
Read the Farm Women Calendar.

Public Sales Register

FRI. DEC. 17 - 11:00 Rockwell's Complete Farm Auction. Location - 1 mile West of Troy, Pa., Bradford Co. (on the Porter Road). George & Leamon Rockwell, Owners. D. O. Rockwell & Associates, Sale Managers.

FRI. DEC. 17 - 8 P.M. Nite cow sale at the Black and White Holstein Farm, Lancaster, Pa. across from the Comet Drive-in Theatre or ¼ mile West of breeding unit. Charles C. Myers, owner; Abe Diffenbach, Auctioneer; Henry Kettering, Pedigrees; Park Myers, Sales Manager

FRI. DEC. 17 - 5:30 P.M. Public Sale at the Gap Auction located off Route 14, Lancaster Ave. opposite Turkey Hill Minit Market, cross RR Bridge. Antiques sold at every auction. Ira Stoltzfus and Son, Auctioneers.

SAT. DEC. 18 - 9:30 A.M. David Good's Consignment Sale. Located ½ mile north of Route 23 on North Maple Avenue in Leola, Lanc. Co., PA. Watch for sale signs. Sale by David H. Good. Auctioneers - F. Snyder, R. Martin, C. Wolgemuth, C. Diller, J. Fry.

PUBLIC SALE

Of Household Goods, Antiques & Tools

Along Route 472 in the Village of Kirkwood.

Saturday, Dec. 18, 1976

10 A.M.

Wizzard 13 cu. ft. Upright freezer, 1 yr. old; Admiral 18,000 BTU window air conditioner; Admiral B&W TV; 2 refrigerators, elec. & gas stove, pots, pans, dishes, several sets of dishes, 2 roasters, clocks, knick-knacks, tupperware, platters, cookie sheets.

Bedroom suite, bureaus, wardrobe, cedar chest, child's desk, bed binens, comforts, quilts, pillows, sewing machine, cherry china closet, floor lamps, cane seated chairs, library table, buffet, occasional tables (1 ball & claw feet), pin-up lights, waterfall dining room suite with extra table boards.

ANTIQUES

Curved glass china closet, kerosene lamp, Cruels, cut & pressed glassware, Carnival glass, 2 wooden clothes trees, crocks & jugs, oak kitchen cabinet, Lancaster bottles, insulators, iron pot, 2 old rockers, 2 spindle back w-cane seat, hen on nest, dated jars, slaw board.

Record player & records, picture frames, occasional rockers, many Christmas decorations, table cloths & linens, milk glass, collection of salts & peppers.

African violets & plants, planters, 1 set of Encyclopedia & other books, curtains, 3 mounted deer heads (1 with hangers & mirror), quart jars, artificial flowers & candle rings, Electrolux sweeper, 2 wicker flower stands, picture frames, 6 qt. ice cream freezer.

Henry Miller piano ball & claw piano stool, Stevens double barrel 12 ga. shotgun, Remington 22 rifle with clip & scope, lawn chairs.

Chain saw, wedges, ½ in. elec. drill, socket set. potato plow, grind stone with motor, pruners, sleds, step ladder, butcher knives & steel, wood & garden tools.

Terms by,

VERNON E. WHITESIDE

Kreider & Diller, Aucts.

Lunch Furnished.

CONSIGNMENT SALE

SATURDAY, DEC. 18, 1976

AT 9:30 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., PA. Watch for Sale Sign.

Tractors; Farm Machinery; Horse Drawn Implements; New Tools, Hardware, Building Materials; Hay and Straw; Load of Fresh Citrus Fruit Direct from Florida. Also, fish, Oysters and Shrimp.

We sell on Commission.

HAY SALE EVERY WEDNESDAY
12:00 Noon by
HARVEY Z. MARTIN

POSITIVELY NO HOUSEHOLD GOODS

DAVID H. GOOD
717-656-9024

F. Snyder, R. Martin,
C. H. Wolgemuth, C. Diller, J. Fry Aucts.
NEXT SALE WEDNESDAY, JANUARY 5, 1977.
NOT RESPONSIBLE FOR ACCIDENTS

Another Auction

Of good dairy cattle at our Dairy Barn, on Cameron St., in Bath, N.Y.

Tues. Afternoon, Dec. 14th at 1 p.m.

70 top-quality interstate-tested Holsteins.

The entire herd of Clarence Brown of Canaserag, N.Y., featuring good Holsteins, mainly close and fresh with some individuals milking to 75 pounds and including 5 good colored cows (some of the best Jerseys you've ever seen! Of course, our usual line-up of top outstanding close and fresh cows (a number are Registered)-we have lots of those **really** good ones this time!! Some young cattle selling first.

Rumsey Sales, Bath, N.Y.
(607-776-3478).

Merry Christmas and the best in 1977 to you and yours from D.H. and Peg!!

HUNTER'S SALE BARN, INC.

ROUTE 276, Rising Sun, Maryland

Sale Every Monday

Livestock at 7:00 P.M.

Poultry, Egg, Produce at 7:00 P.M.

Household at 6:30 P.M.

Antiques at 6:30 P.M.

(Every 4th Monday)

Farmers & Flea Market open 3:00 P.M.

HUNTER SALE BARN, INC.
Phone 301-658-6400
Sale Mgr., Auctioneer - Norman E. Hunter, Pres.
Restaurant on grounds.

PUBLIC AUCTION

TRACTOR, EQUIPMENT, TOOLS & HOUSEHOLD GOODS

The undersigned, selling his farm due to ill health, will sell the following on the premises located on Md. Rt. 623, Flintville Road, between Cooper Road and the Maryland - Pennsylvania line, Harford County, Delta, Pennsylvania.

SATURDAY, DECEMBER 18, 1976

At 10:30 AM

FARM EQUIPMENT: John Deere 2510 Row-crop tractor - gas - power steering - live PTO - 3 point hitch - hydraulic controls on 13.6 - 38 rubber - only 451 hours; John Deere model ID 50 - 7' sickle-bar mower - pitmanless - side mounted; J.D. hydraulic cylinder - heavy duty; J.D. umbrella, McCormick I.H.C. single row pull type corn picker-husker model 1 - PR - PTO operated; J.D. 3 pt. corn-planter w-markers & fertilizer boxes; J.D. 24 disc harrow - pull-type; J.D. model 415 A 2x14" 3 pt. hitch plow; J.D. 3 pt. hitch row-marker; wagon - running gear w-14' bed & grain sides; Little Rhino model E3WM 8' 3 pt. hitch scraper blade; J.D. 3 section pull-type spring tooth harrow; J.D. 3 pt. hitch subsoiler; Century 3 pt. hitch sprayer w-125 gal. poly tank - pump-orchard spray hose & nozzle - 6 row boom; steel stand for post-hole digger; Ford 3 pt. hitch doublespring 2 row cultivator; New Holland model 410 10' fertilizer & lime spreader; rubber tired wheel barrow; large hog scalding trough; one hole corn sheller; water pump; one line air compressor 40" rubber tired Jackson spreader w-tractor hitch; 22" Falcon rotary lawn mower

SHOP TOOLS & EQUIPMENT: Craftsman radial arm saw - model 100 w-stand, hold downs planer, & other attachments; double throw model 130B - 1-3 hp. grinder; electric drill; electric saber saw; wood lathe w-chisels; miter saw.

OWNER:

Mr. & Mrs. C. E. Maness
Box 117 Flintville Road
Delta, Pa.

AUCTIONEER:
William H. Amoss
2037 Pleasantville Rd.
Fallston, Md. 21047
838-3000, 877-7005

SIMMONS HOUSEHOLD AND FARM MACHINERY AUCTION

SATURDAY DEC. 18, 1976

10:30 A.M.

POTTER, NEW YORK.

Sale to be held at the farm located right on rte. No. 364 at the edge of town toward Penn Yan. (½ mile from Potter General Store.)

As the farm is sold and Mr. Simmons has moved to town, must sell all personal property as follows:

Ford 8-N tractor in excellent condition! J.D. No. 50 tractor, nfe, w-live hyd., front end loader, cultivators and chains! Dearborn 2 bot. 3 pt. plow; A.C. No. 60 pull type combine w-bin, A-1 cond.! J.D. 5 ft. bush hog; 3 pt. rear scraper blade; 1955 Ford F-100 pick-up in good cond.! 1955 Plymouth "Belaire" auto., has been stored 7 years! Case spreader; Buzz saw w- table; VanBrunt 13 hoe grain drill on steel; Riding cultivator; Oliver 14" 2 bottom plow; Rear end loader for Ford tractor; Ariens 6 hp. riding mower; Double work harness; Platform scales; fanning mill; 40 ft. endless belt; 10 bu. Timothy seed; Good model "a" radiator; Cream separator; Egg washer; Hilton Precision egg grader; plus a large amount of small hand tools, and miscellaneous items too numerous to itemize!

HOUSEHOLD:

Signature elect. range like brand new! Gibson refrigerator; Speed Queen washer; Kitchen cabinet; 9 x 12 oval rug; Several rockers and other chairs; Oak side board; Hired mans bed; Nice oak hall rack w-mirror; pine chest on chest; pine drop leaf table; oak commode; crocks and jugs; copper boiler; oak stand; davenport; elect. broom; barrel butter churn; Oak desk-bookcase; Hardware scales; Bee smoker; Unusual drop front desk with drawers on side at bottom! German 8-day cuckoo clock; milk and cream cans, and many other small items from house and barns!

Try to be with us for this sale! Lots of small items! Household goods sell first! Dress very, very warm. Lunch available! Terms: Cash or good check sale day! Proper I.D. required!

Owner:

G. Clifford Simmons.
Penn Yan, N.Y.

Sale by

VICTOR PIRRUNG AND SON AUCTIONEERS.
Wayland, New York.
716-728-2520.

PUBLIC SALE

OF 65-ACRE FARM

EXCELLENT LOCATION —
NUMEROUS POSSIBILITIES

TUESDAY, DECEMBER 21, 1976

At 2:00 P.M.

Located at intersection of Route 272 and Rothsville Road (near Cloister Dairy), Ephrata, Pennsylvania.

65 ACRES (More or Less)
DAIRY FARM
BANK BARN
(With Milk House)
TOBACCO SHED
2½-STORY BRICK DWELLING
Containing 8 Rooms and Full Bath
CORN BARN
LIMESTONE SOIL
High State of Cultivation and Stream
ZONED HIGHWAY
COMMERCIAL AND R-2

Farm will be offered as a 55-ACRE PROPERTY, or as a COMPLETE UNIT.

This Farm has many valuable features. Can be used as an existing farm or it has terrific development potential!!!

Sewer Available — Railroad At Edge Of Property — Easy Access!

For Inspection Of Draft Or Information, Call Auctioneer, 717-859-1331.

Sale December 21 at 2:00 P.M.

Terms By

JONAS M. WEAVER
PHEBE L. WEAVER

T. Glenn Horst, Auctioneer — 859-1331
Eaby & Eaby, Attorneys

Public Sales Register

SAT. DEC. 18 - 1 P.M. Public Sale of Holstein Dairy Cattle. Located between Milbach & Richland (Leb. Co.) Rte. 419 to Milbach Menno. school, turn left to farm on right. Sale by Melvin M. & Arlene S. Martin. Randal Kline, Auctioneer

SAT. DEC. 18 - 1 P.M. Public Sale of Farm Machinery, Franklin County, former Lyon's Farms, located between Waynesboro, Pa. and Leitersburg, Md. just ¼ mile east of Rt. 316 along the Lyons Road. J. Roger Wildeson, Auctioneer.

SAT. DEC. 18 - 10:30 A.M. Simmons Household and Farm Machinery Auction. Sale to be held at the farm located right on rte. 364 at the edge of town toward Penn Yan. (½ mile from Potter General Store). Owner - G. Clifford Simmons. Sale by Victor Pirrung and Son Auctioneer

SAT. DEC. 18 - 1:30 p.m. 4-H beef and pig sale at Lebanon Fair grounds.

SAT. DEC. 18 - 10 A.M. Auction of Household, Antiques, Collectibles, Real Estate & Hay. Location - Bloomsburg, Pa. RD 4 (Wellsville) follow Iron Street on Route 42 North 1 mile turn right at Omans Service Station on the Millertown Road. Go about 8 miles. (Follow Auction Arrows. Administrator - Josiah B. Boone. Attorney - Thomas J. Evans. Auctioneer - John Autotore.

SAT. DEC. 18 - 10 A.M. Public Sale of Household Goods, Antiques, & Tools. Located along Route 472 in the Village of Kirkwood. Terms by Vernon E. Whiteside. Kreider & Diller, Aucts.

SAT. DEC. 18 - 10:30 A.M. Public Auction of Tractor, Equipment, Tools & Household Goods. Located on Md. Rt. 623, Flintville Road, between Cooper Road and the Maryland-Pennsylvania line, Harford County, Delta, Pa. Owner - Mr. and Mrs. C. E. Maness. Auctioneer - William H. Amoss.

TUES. DEC. 21 - 10 A.M. E-M-Weir Farm Registered Holstein and Farm Equipment All-Day Dispersal. Location - Travel South on Rt. 41, 1 mile south of Cochranville, Pa. Take Rt. 926, near Faags Manor Church, Chester Co. Sale by Earl M. and Elizabeth C. Weir; Carl Diller and J. Everett Kreider, Auctioneers.

TUES. DEC. 21 - 2:00 P.M. Public Sale of 65 Acre Farm. Located at intersection of Route 272, and Rothsville Road (near Cloister Dairy), Ephrata, PA. Terms by Jonas M. Weaver & Phebe L. Weaver. T. Glenn Horst, Auctioneer.

ROCKWELL'S COMPLETE

FARM AUCTION

(FARM SOLD)

LOCATION—1 mile West of Troy, Pa., Bradford Co. (on the Porter Road)

FRIDAY, DEC. 17, 1976

At 11 O'Clock

39 HEAD HOLSTEIN DAIRY CATTLE SELL 39

31 Registered 8 Grades

25 young, milking age animals, consisting of fresh cows, close springers, balance various stages of lactations. 2 Registered Springing heifers, 4 Bred heifers due early Summer '77, 2 Registered heifers breeding age, 6 Started heifer calves—4 Registered, 2 Grades. All above mentioned animals from A.I. proven sires.

INTERSTATE TESTED CHARTS SALE DAY
PREGNANCY CHECKED

MACHINERY & EQUIPMENT

2 TRACTORS: Ford 7600 diesel with only 42 hours, Ford 4000 diesel; Ford 4-bottom semi-mounted plows with automatic resets, Ford 2-row 3 pth corn planter, N.H. 130-bu. tank spreader, N.H. 275 baler with bale thrower, N.H. rake, N.I. Cut-Ditioner, J.D. 15-hoe disc drill, J.D. combine, J.D. 64 blower, J.D. hay fluffer, J.D. rotary mower, J.D. 35 chopper with 1-row corn head, A-C self unloading forage wagon, Smoker 32-ft. elevator, A.C. blower, 12-ft. disc with transport wheels, J.D. harrow, Oliver 1-row corn picker, 3 wagons with throw boxes, 1 flatbed wagon, N.I. trailer mower, J.D. Letz grinder, 3 pth field sprayer, cement mixer, dump scraper, land roller, garden tiller, buzz saw, Fanning mill, platform scales, sap buckets, chicken crates, grindstone, 3 pth cultivator, tractor chains, milk cans and numerous other items sell at this auction.

BARN EQUIPMENT

Patz barn cleaner unit and chain, installed in 1973; Badger silo unloader for 14-ft. silo.

PRODUCE & SEED

80 tons hay, 70 tons early cut choice hay, 10 tons 1975 hay (all sold in lots); large quantity good bright oat straw, tons of good quality ear corn and oats, seed oats, grass seed, 14x40 silo corn silage.

MILK EQUIPMENT

600 gal. Dari-Kool milk tank, bulk tank washer, dumping station, dryer, DeLaval No. 75 milker pump, 2 DeLaval milker units with 50-lb. pails, double wash vats.

1974 Chevrolet Custom
10 Four-wheel Drive
Truck with Only 4000 Miles.

SALE MGRS. NOTE: Most nearly new, well kept farm machinery, quality produce, well bred cattle that we will have sold in 1976.

TERMS: CASH OR GOOD CHECK SALE DAY.

George & Leamon Rockwell, Owners

D. O. Rockwell & Associates, Sale Managers
Troy, Pa. Phone 717-297-3460

Lunch Available

E-M-WEIR FARM

REGISTERED HOLSTEIN AND FARM EQUIPMENT

ALL - DAY

DISPERSAL

TUESDAY, DECEMBER 21,

10:00 A.M.

Travel South on Rt. 41, 1 mile South of Cochranville, Pa Take Rt. 926, near Faags Manor Church, Chester Co.

33 REGISTERED HOLSTEINS 33
MILKING HERD, CERT. ACCRED.

VACC. CATALOGS

D.H.I.A 3 year Ave.

17,760 - 665 - 3.7 percent

Plant Test Now 3.92 percent.

58 Lbs. Per Cow a Day, nearly all Atlantic Sired, Homebred.

Fall freshening herd, many bred back.

Really Top Producers Sell!!!

* ELLEN IV. STAR- 365 da. 5 y 3 m. 22,649-4.5 percent-1009, 6 y. 5 m, 334 da.-23,454-4.0 percent-940.
* MAJESTY SHIRLEY- 5 y. 336 da.-23,225-3.1 percent-724, 4 yr. 1 m. 330 da - 23,858-797, 3 yr. over 20,000.
* JEAN IV. STAR - 3 y. 2 m 321 da. 21,211-755-3.6 percent near 20,000 at 4 y.
* KENNY MAY - 1 y 11m 316 da. 14,928 - 600- 4.0 percent her dam an Apollo dtr. with 175,000M - 6000F L.T.
* DELLA- 6 y 307 da. 22,406-Pontiac 5 y. 307 da. 21,450
* MARLYN MARQUIS- 8 y 311 da. 21,490- 704 milked 107 lbs.
* IV. STAR GAY - 2 and 3 yr. old records over 18,000- 4.4 percent
* PROMISE MARTHA- 2 and 3 yr. old records over 18,000.
* ELECTRON ENID- 3 y. 336 da. 17,482-734- 4.2 percent.

25 years Registered Holsteins, there are individuals that will classify well.

Dtrs. Include - Ivanhoe Star 6, Milk & Honey Ivanhoe 4, Apollo Ivanhoe 2, Rocket, Gay, Majesty, Hector, etc.

GOOD CLEAN LINE OF FARM EQUIPMENT!!

606 Int., 1450 hours, 3 pt.; 544 Int. 1762 hours 3 pt.; M.F. No. 3 Baler with Gandy applicator; N.H. 479 Haybine (2 seasons); Int. No. 100 Balanced head mower; MC No. 15 side rake; MC No. 10 grain 13 disc drill; Int. 249-A corn planter with Gandy applicator; N.I. No. 213 spreader; Int. No. 37 Transport 28 disc, rear mtd.; No. 259 2 row cultivator; 3-14" bottom No 309 trip 3 pt. plow, plow packer, 10' cultipacker, 7' blade, Lavelle 24' grain elevator, 4 flat-bed wagons, field-force sprayer.

65 Ton (Approx.) 1st, 2nd, & 3rd cutting Hay

2,000 bu Ear Corn, 6 Ton Straw, Corn silage in a 16x60 silo.

7 bales twine, 2 rolls barb wire, 35 milk cans, 40' aluminum ladder, 40' and 24' wooden ladders, feed carts, silage cart, old feed mill, old stanchions, numerous other small articles found on a farm.

Having sold the farm makes dispersal necessary.

Cattle at 12 45 P M Small tools at 10 A M. followed with equipment

EARL M. & ELIZABETH C. WEIR,
Owners
215-869-9019

Auctioneers.
Carl Diller, 464-2233
J Everett Kreider 786-1545

Lunch Available

Know Where the Activities Will Be?
Read the Farm Women Calendar.

MERRY CHRISTMAS AND HAPPY NEW YEAR

SPECIAL

HOLSTEIN SALE

MELVIN KOLB, INC.

THURSDAY, DECEMBER 16, 1976

11:00 A.M.

At my Maryland Barn located ½ mile N.W. of Woodsboro on Rt. 550 in Frederick Co.

FREE LUNCH for everyone: All you can eat FREE TURKEYS. Everyone that buys a cow receives a free turkey.

150 HEAD OF HOLSTEINS
HAND PICKED BY US PERSONALLY 150

There will be 75 Purebreds of the finest quality there is in the breed. Several classified and DIH records. They are the very best picked out of the top herds in Eastern United States and Canada and from the very best Bulls in the Bull studs. Some of these cows are milking up to 100 lbs. milk per day. First calf heifers up to 70 lb. per day. They are from 2 to 5 years old; several show prospects. There will be 50 big fancy Grade cows milking from 80 to 100 lbs. per day. 25 big fancy Grade first calf heifers. All these cows and heifers just fresh or close to freshening.

SPECIAL MENTION: A PAWNEE FARM ARLINDA CHIEF daughter VG-88 record 365d 22,280M 4.1 910, bred to a son of ROYBROOK STARLITE his dam 91E National milk Champion 365d 55,660m 1573f 2x 5½ year old. Potential EX cow. A 2 yr. ROUND OAK RAG APPLE ELEVATION daughter bred Mar. 21, 1976 to NO-NA-ME FOND MATT dam 305d 17370m 4.2 735f. A 3 yr. old ROUND OAK RAG APPLE ELEVATION daughter bred 2-29-76 to CURTIS HAVEN APOLLO VICTOR, Gr. Dam 294d 2x 19470 3.8 733f. A PENSTATE STAR MAN daughter (VG-85 as a 3 yr. old) as a 2 yr. 325d 19450m 639f, bred 3-1-76 to DUTCHOE. A 2 yr. old PACLAMAR DOUBLE TRIUNE DAUGHTER, bred 3-3-76 to a son of FOND MATT, Dam 19920m 3.8, 748f. A 3 yr. old PACLAMAR POSCH PRINCE DAUGHTER, bred to a son of ROMANDALE REFLECTION MARQUIS, 1st Prize minnesota district in 1975, 2nd district on 1974, 3rd Sr. Yrlg. in district show in 1975, bred 4-9-76. A 2 yr. old JEWEL COMET IVANHOE CHARLES daughter, bred 3-27-76 to PAWNEE FARM REFLECTION ADMIRAL, her dam. GOOD PLUS 316d 2 yr. old 16690m 4.2 694f. A 3 yr. old NO-NA-ME FOND MATT daughter, fresh, milking 85 lbs. a day, a potential EX cow. 1st calf PACLAMAR ASTRONAUT daughter, fresh, wt. milking 79½ lbs. a potential EX cow. A 3 yr. old PACLAMAR BOOTMAKER daughter, fresh, as a 2 yr. old had over 16000 lbs. from a EX 91 2E cow PINEYHILL MAJORITY daughter, A 3 yr. old PACLAMAR BOOTMAKER daughter as a 2 yr. old over 19000 milk, Springer. A 4 yr. old VG-87 point VIGO CITERION daughter EX mummary bred 2-23-76 to ROYBROOK STARLITE at 31 mos. 1970 m 4.4 867f actual. A 2 yr. ROYBROOK STARLITE daughter due right after Sale from a dam and Gr. Dam over 20,000 lbs. of milk. A good big fancy heifers. A 2 yr. old HARRISBURG GAY IDEAL daughter from 84 point APOLLO dam with 700 fat., due right after Sale. A 2 yr. old Gr. Daughter of PACLAMAR BOOTMAKER due to a son of CITATION R MAPLE 305d 2x 15370 3.9 598, 1st Sr. YRLG. heifer and Jr. Champion at Jefferson Co. Holstein Show; Jeff. Co. Jr. Holstein Show: Oneida Co. Fair: Erie Co. Fair and 4th at N.Y. Jr. Show 1976, Dam gP-84, Gr. Dam VG-89 VEEV.

We spent a lot of money and miles to put this group together. There will be some of the greatest cows and heifers you ever saw in one barn. Several top Purebred heifer calves will be sold also.

This is a special time of the year for the entire KOLB organization. We want to thank everyone for their friendship and for patronizing us this past year. Please everyone set this date aside and come to see our great selection of fine cattle.

EVERYONE come early - get all you can eat and buy a cow and receive a FREE turkey.
EVERYONE is invited.

Sincerely, **Mel Kolb**

Lancaster County residents: If you need transportation to go to the Sale, please call 393-7459 or 393-6891 no later than Wed. noon and someone will pick you up.

James Trout, &
Robert Mullendore, Auctioneers
Marvin Eshleman, Pedigrees
Mehrle Wachter, Clerk

Maryland Farm:	Home Farm:
R.D. 1 Woodsboro	621 Willow Road
Maryland	Lancaster, Pa. 17601
301-898-7720	717-393-7459

Public Sales Register

TUES. DEC. 21 - 1 P.M. Special Graded Feeder Pig Sale at the Lancaster Stockyards, Inc., Lancaster, Penna.

WED. DEC. 29 - 2 P.M. Public Sale of Valuable Real Estate located 3½ miles South of New Holland along Mentzer Road, 3½ miles Northeast of Intercourse, Lancaster County, Pa. Conditions of Sale by Ellis and Ruth Mentzer, New Holland RD 2; Leroy Zook and Leon Kurtz, Auctioneers.

FRI. DEC. 31, 1976, 2:00 PM - Public sale of 67 acre farm, house, large barn, 2 silos. Located 10 miles south of Strasburg in village of 9 Points. Elmer L. Fisher, owner. Abe Diffenbach, Auctioneer

NEW YEAR'S DAY, JAN. 1 - Public Auction of 45 Acre Farm. Located between Allentown & Hamburg just west of Krumsville along Rt. 22 in Greenwich Twp., Berks Co., Pa. Executors for the R. H. Odenheimer Estate. Sale Conducted by Ralph W. Zettlemoyer Auction Co.

WED. JAN. 5 - Special Draft Horse & Mule Sale to be held at Paul Z. Martin's Sales along Rt. 340, 2 miles East of Intercourse & 4 miles south of New Holland. Martin Auctioneers.

SAT. JAN. 8 - 1977, Public Sale of Farm Equipment by Mrs. Phares W. Hoover located North of Ephrata along RD1 Ephrata, Pa. John E. and Paul E. Martin, Auctioneers.

JAN. 11, 12, 1977 - Bred gilt sale, Farm Show Building, Harrisburg, Pa. All Breeds, Berkshire, Chester White, Duroc, etc., etc. Harry Bachman, Auctioneer.

FRI. JAN. 14 - 1 P.M. 41st Swine Sale, Annual Winter Sale at the Farm Brooks End and Par Kay Farms, Beavertown, Pa. 17813. Selling 200 Head, 50 Bred Gilts, 40 Boars and 110 Open Gilts. Reno H. Thomas, Sale Manager, Phone 717-658-5821 for catalogs.

SAT. JAN. 15 - 11:00 A.M. Sharp. Thompson Farm Auction of 124.9 Acre Farm. Located 28 miles South of Lancaster, Pa., 24 miles from West Chester, Pa., 28 miles Northwest of Wilmington, Delaware, between exits 10 & 472 of New Route 1 By-Pass - & joins Oxford Boro, Oxford, Chester County, Pa. One mile from Lancaster County Line on Bell Bank, Pine Street Rd., L.R. 15025. Maud M.D. Thompson, Owner. Whiteside Auction Service.

SAT. JAN. 21 - 10:00 AM - Paul S. Waltermyer Draft Horse and mule consignment Sale at the New Holland Sales Stables, New Holland, Pa.

SAT. JAN. 22- Complete Plumbing Liquidation Auction by Leon Martin located along RD No.3, Ephrata, at Hinkletown. John E. and Paul E. Martin Auctioneers.

MON. JAN. 24- Complete Plumbing Liquidation Auction by Leon Martin located along RD No. 3, Ephrata, at Hinkletown. John E. and Paul E. Martin, Auctioneers.

SAT. JAN. 29, 1977 - Public Sale of Farm Equipment by Earl D. Hurst located between Ephrata and Lancaster, Penna. John E. and Paul E. Martin, Auctioneers

SAT. JAN. 29 - south of New Danville along road to Conestoga, Full line of good farm equipment including some household articles. Owner, J. David Shank. Carl Diller and Everett Kreider, auctioneers.

SAT. JAN. 29 - 12:00 NOON. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

SAT. FEB. 5- 10 A.M. Public Sale of Farm Machinery, Livestock and Household Goods located 1 mile Northeast of Christiana, Lancaster County, Pa. just off Simmontown Road. Sale by Elias Bawell; Leroy Zook and Leon Kurtz, Auctioneers.

PUBLIC SALE

OF 52 ACRE FARM.

WED. DECEMBER 15, 1976

At 2 P.M.

Located along South Kinzer Ave., (2 miles south of New Holland) Earl & East Earl Townships, Lancaster Co., Pa.

52 ACRE FARM

(All Tillable)

Barn (steer) with attached silo 14' x 45', also attached tobacco shed.

Tobacco shed 28' x 56'
Broiler House 4,000 sq. ft.
Hog House 34' x 84'

2½ Story Dwelling (Aluminum Siding), 8 rooms - (4 bedrooms) 1 ½ baths, hot water heat, well & pressure system.

This farm located south of New Holland in excellent Lancaster Co. farm area.

Open for inspection Sat., Dec. 4 & Dec. 11, 12 noon to 3 P.M. or Call 354-5991.

Terms By

C. WALTER MARTIN

T. Glenn Horst Auct.
859-1331

GAP AUCTION

FRIDAY EVENING, DEC. 17

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

NOTICE NO SALES
FRI. DEC. 24 & DEC. 31
Happy Holidays From All Of Us

Inspection Friday from 9:00 a.m. until sale time.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. TO 7:00 P.M.

OTHER DAYS BY APPOINTMENT
Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALE

THE PUBLIC DAIRY HERD DISPERSAL SALE

to be held

DECEMBER 16, 1976

For Thomas G. & Alice M. Werley two miles northwest of Hamburg has been cancelled.

Ralph W. Zettlemoyer Auction Co.

ENDLESS MOUNTAINS ELEVATION SALE

MONDAY, DECEMBER 20, 1976

11:00 A.M. SUSQUEHANNA, PA

Directions to Sale - Rt. 81 to Exit 67, New Milford: go East 5 miles on Rt. 492 to Steinbach Corners: turn left at crossroads, first farm right. Watch for sale signs.

FEATURING

50 Daughters of Round Oak Rag Apple Elevation (EX-96-GM)

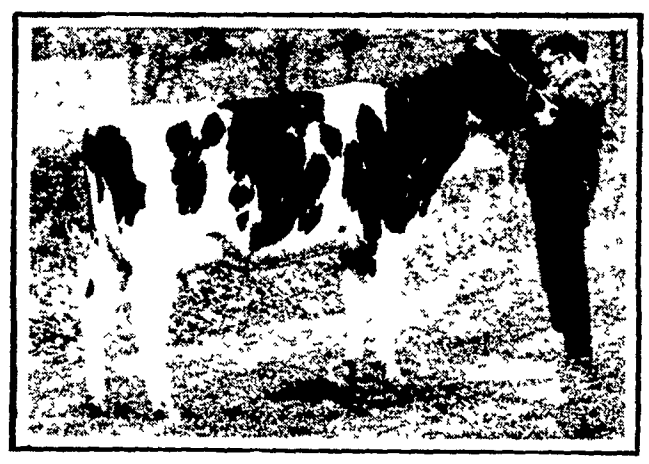
ECHO-NOTCH R O IVEY (N.CI.)

2-10 234d 15,226 3.8% 572 [Inc.]
est. 305d 18,423 milk 704 fat

Her dam an EX Kennedy with 28,613m 1124f and 150,000M lifetime. -Clyde Wilson & Harold Hartt, Rushville & Susquehanna

FGG ELEVATION KINGPIN PRINCESS

Just fresh and from a GP-83 Kingpin dam with 14,706m 518f. Next dam GP-81 with 5 recs. over 19,000m and 147,800M lifetime. A fancy, fancy heifer. -Jerome P. Hartt & Bob Wilson, Susquehanna & Rushville



CLYMAR ELEVATION CITATE

2-1 133d 7,427 milk 236 fat [Inc.]
est. 305d 14,631 milk 470 fat

Her dam is a VG daughter of an EX son of Double Echo [EX-GM]. She has a 4y 13,410m 591f. Next dam over 420f. Bred back to Arlinda Chief-Clymar Farms, Clyde and Bob Wilson, Rushville.

KINSMAN FARM ELEVATION TATTLE

1-11 286d 11,926 4.2% 495

Her dam is a GP-82 Kingpin with 6 recs. from 18,300M to 20,593M and over 128,000 lifetime-Milford Kinsman, Troy.

SKYLINE ELEVATION ARLENE

2-5 365d 17,450 3.3% 581

Her dam is a VG Kingpin with recs. to 16,019m and 541f. John Howard and Sons, Wyalusing.

WOODHOUSE ANN RAE JUPITER

2-6 236d 9,192 3.7% 343 [Inc.]

Tremendous pedigree here. Her dam is 2E with several recs. to 24,238M. Her 2d dam is also 2E with 2 sons in AI and recs. to 34,901 4.1% 1443 and 317,018M lifetime- Ed Bush, Walter Brooks, & Clyde Wilson, Springville & Rushville.

MANY CONSIGNMENTS FROM KINGPIN DAMS - MORE GOOD PEDIGREES -

Others Include

Longacre Elevation Helen, Acre Long Elevation Joy, Eshered Elevation Pride-Twin, Careys Elevation Gem, Simalot Elevation Pauline, Misty-Crest Ro Melaine, Billina Elev. Stubby Rosalie, Ben-Lou Elevation Audie, Ellday Lucky Lucy [GP-82].

For More Information and Catalogs, Contact:

Sponsors: **HAROLD HARTT**
Susquehanna, Pa.
717-756-2100

CLYDE WILSON
Rushville, Pa. 18839
717-934-2302

Co-Sponsor
Steve Keller, Mount Joy, Pa.
Ph: 717-653-2284
717-653-4851

Auctioneers William Kent & Merlin Carlson
Bergen, N.Y. Turlock, Calif.

Chuck Will, Pedigrees
Underwood, Minn.

Public Sales Register

WED. FEB. 16, 1977 - Public Sale of Farm Equipment by Lebanon Valley Implement Company, Richland, Pa. John E. and Paul E. Martin, Auctioneers.

FRI. FEB. 25, 1977 - 10:00 AM - Public sale of dairy cows, horses and mules and horsedrawn farm equipment. Located one mile northeast of Honey Brook. Lizzie K. King, owner. Abe Diffenbach, Auctioneer.

SAT. FEB. 26 - 12:00 NOON. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

Simeon & Noah Martin - annual Spring Sale of Livestock , implements, Household goods and antiques. SAT. FEB. 26, 1977 along the road leading from Reamstown to Hahnstown. H. H. Leid auction service

SAT. FEB. 26 - Public Sale of Household Goods and Antiques located South of New Danville along Rte. 324. Sale for the McMichael Estate. Carl Diller, Auctioneer.

SAT. FEB. 26, 1977 - Public Sale of Farm Equipment by Isaac B. Good located North West of Ephrata at Durlach. John E. and Paul E. Martin, Auctioneer.

SAT. FEB. 26, 1977 - 10:00 AM. Public sale of farm machinery, approximately 45 head of heifers and household goods. Located along Route 272, 3 miles south of Buck or 16 miles south of Lancaster. Auctioneers: Lloyd Kreider, Everett Kreider, Randal Kline. Owners: Clair and Betty Mae Kreider.

THURS. MARCH 3 - Public Sale of Clean Line of Late Farm Equipment located just South of Strasburg along Bunker Hill Road. J. Robert Hess, owner; Carl Diller and J. Everett Kreider, Auctioneers.

SAT. MARCH 5 - Public Auction of Dairy Cattle and Farm Equipment by H. Henry Martin located midway between Manheim and Mt. Joy, along the Manheim Mt. Joy Road. John E. and Paul E. Martin, Auctioneers.

WED.MARCH 9- 1977 Public Sale of Farm Equipment by Moses M. Weaver, located North of Ephrata, RD 1, Stevens, Pa. John E. and Paul E. Martin Auctioneers.

THURS. MARCH 10 - Registered Holstein Dispersal located along Rte. 10 near Cochranville, Chester County. Sale by Paul Eby. Carl Diller, Pedigrees, Zook and Umble, Auctioneers.

SAT. MAR. 26 - 12:00 Noon. Consignment Horse Sale to be held at Keister's Middleburg Auction Sales Inc., Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Art Kling & Larry Long, Auctioneers.

SAT. APR. 30 - 12.00 Noon. Consignment Horse Sale to

Sale reports

A Public Auction was held Dec. 4 by Edward Stowman, 3 miles north of Centerville, Md

Prices received for farm machinery and trucks were: Int. 806 tractor $6700, Int. 806 tractor without PTO $5350, Int. Super M $1500, Int. H tractor $800, 2 set Cultivators $710 & $410, M. F. Drill $1900, 5-bottom Plows $850 & $675, M.F. Road Disc $2050, Int. Cyclo Planter $1580, Cultipacker on wheels $1125, M.F. 410 Combine $11,000, 2 GMC Int. '67 trucks $3450 & $2500, and 1967 Chev. Camper Pickup $3000.

Harry Rudnick & Sons Sales Managers & Auctioneers.

xxx

A Public Sale of real estate and antiques was held Dec. 4 by the executors of Sarah A. Johnson Estate. There was a good attendance and due to cold weather the sale was held in the Airville Fire Hall in Airville, York Co., Pa.

PUBLIC AUCTION

MONDAY DECEMBER 13th AT 9:30 A. M. SHARP

Location: 1 mile from Rte. 422 and 501 junction on Wengers' Farm Machinery Lot in Myerstown, Pa. - approx. 25 miles north of Lancaster - approx. 25 miles west of Reading - approx. 25 miles east of Harrisburg.

CONSIGNMENTS WELCOME

PARTIAL LISTING

LATE ADDITIONS:

Farmall 856D wf; JD 3020D ps; JD 3020D wf; MF 1080D; Farmall 806D wf; MF 1130D cab, wf; Farmall 756D; AC D21 D, JD 7700 combine diesel; 643 corn and grain, Ford 4000 D wf; Oliver 1850D; lots more.

Farmall 1256D, Farmall MTA D, (2) Farmall 656D, Farmall 300G, (2) Farmall 400 G-D, Farmall 450D, (2) Farmall C, Farmall 240, Farmall 560D, (2) Farmall 504 HC, (3) Farmall H, (2) Farmall cub, Farmall M with V8, Farmall Super AV, (2) Farmall M, Int 660 LP, Int 660D, Int 434D, Int 340G, Int 404 with mower, Case 530 with cab, (3) Case 1030 CK D, (2) Case 930 CK D, Case 830 CK d, Case LA, (2) Case 800D, Case 600, Case 730, MF 35, MF 85, MF Super 90D with cab, MF 175, MH 444, MH 44, MF 20, Case 530 with loader, JD 4020D, JD 3020D, (2) JD 730 DE, JD 720, (2) JDA, JD 70D, JD 2010G, JD 50, JD 1010 with loader, (2) MM 5 star, Ford 881, (3) Ford 5000, Ford 4000, (2) Ford 900 (2) Ford 8N, (2) Ford 9N, Ford NAA, Long 900, some new Longs (various sizes) AC D19D with 3 pt, AC D17, AC C, (2) AC B, AC 1600 with mower, AC D10, AC WD, (2) AC D15 with loader, Fordson Major, Oliver 77, Oliver 770, Oliver 1855, Oliver 1650, JD 2520D.

Int. 3400 Backhoe with ROPS, JD 400 Backhoe, AC 615 Backhoe, Case 580 Backhoe for parts, Henry 3 pt. Backhoe attach., Ford backhoe attach, Long 3 pt. backhoe attach., Int. 57C Log Skidder, Franklin 170 grapple skidder, AC 655 crawler loader, (2) AC HD6 crawler loaders, (2) Cat 933 crawler loader, JD 350 dozer, JD 350B dozer with winch, JD 450 dozer with winch, JD 1010 dozer, Cat D4 dozer, Int TD15 dozer, AC HD 6 dozer, Case 584 Forklift, Case 580D Forklift, Int 340 Forklift, Case crawler Forklift, Motolift, Clark Forklift, Hyster Forklift, (2) Owattona 1700 Skid Steer Loaders, (2) Case 1740D Skid Steer Loaders, Ford 340 skid steer loader, Scoopmobile LD 350 5 Yd. Loader, Michigan 175 series II loader, Cat 922 Loader, Hough 50C Loader, (2) Sweeper Attach, Wisconsin 3KW Generator Set, (96) Industrial 4 wheel carts, (3) set of forklift forks, Snow Blower, 3 pt. wood splitter, (2) Gilson leaf vacuums, ripper for JD 1010-350-2010-450, Schramm air compressor, (2) Wayne 540 self propelled sweepers, Cat D6 dozer blade, (2) 3 pt. aeroaters, cement mixer, 4 post roll bar, 3 pt. blades, 3 pt. stone rakes, Landscape boxes, backhoe and loader buckets, Huber maintainer, M500 Huber Maintainer, Int truck crane, rubber tired roller, Sheepsfoot roller, battery charger.

NH 66 baler, NH 77 baler, JD 14T baler, Gehl hopper blower, JD hopper blower, (2) NH Hopper Blowers, Kools recutter, grain blower, 165 Bushel gravity boxes, 230 bushel gravity boxes, 1200 bushel corn cribs, (5) NI mtd. 8 roll pickers, (2) NI 305 12 roll mtd. pickers, (4) NI 319 12 roll mtd. pickers (one new), (2) NI 324 12 roll pull pickers, (2) NI 2 X 40 pull shellers, NI No. 10 1 row pull, (3) Int 234 pickers, JD 227 picker, JD 18 pull picker, MH 1 X pull picker, (4) JD 237 pickers, (3) JD sheller attach, (5) NI grinder attach, (7) NI sheller attach, MM D sheller, MM E sheller, MM 1210 sheller, (2) Int 324 sheller attach, Cunningham hay crusher, NH 404 Hay Crusher, JD 32 crusher, (4) asst. cultipackers, JD 12' cultimulcher (inside wheels), Dunham 15' cultimulcher (wheels inside), Dunham 12' cultimulcher (wheels inside), PCM 10' cultimulcher (wheels inside), (5) other cultimulchers, (3) 1 row 3 pt. cultivators, Ford 2 row 3 pt. cultivators, JD 2 row 3 pt. cultivator, JD 4 row 3 pt. cultivators, JD H cultivator, (8) Int 2 and 4 row cultivators, Oliver 4 row 3 pt. cultivator. Lilliston 4 row 3 pt. rolling cultivator, AC 2 row 3 pt. cultivator, AC 4 row cultivator, Oliver 2 row 3 pt. cultivator, Oliver 13 Disc Drill, JD 15 disc drill, Int 16 disc drill, Int 19 disc drill, Oliver 21 disc drill, Mc 12' lime drill, (2) EZ Flow Fert. spreader, (3) Lely 3 pt. fert. spreaders, 6" 51' Little Giant elevator, (3) corn drags, Farmec and NH 40' elevators, small portable augers, Mc 1050 feedmill, NH 351 feedmill, Helix feedmill, NH 36 Flail Chopper, Mc 3 pt. disc, Mc 28 wheel disc, Mc offset disc on wheels, (2) JD offset wheel discs, (2) JD wheel discs with wings, (2) JD TW plowing discs on wheels, JD 110 wheel disc, (2) JD BW wheel discs, (7) JD KBA wheel discs, JD KBA pull disc, Long 3 pt. disc, Long offset wheel disc, (8) Long wheel discs, Ferg. 3 pt. disc, MM wheel disc, Imco 3 pt. disc, Oliver 32 pull disc, (2) spike harrows, (3) Brillion Wheel harrows (one with wings), Mc harrow, JD harrow, AC 782 harvester, (2) Int. 350 harvesters, Ford harvester, (3) NH 616 harvesters, (3) Mc 15 harvesters, Fox Super D self propelled harv. w- cab, Gehl harv. (2) Fox harvester, NI Cutditioner, NH 469 haybine, NH 905 haybine, (2) Heston 10 stackers, Heston 10W stack mover, (2) JD 45 loaders, Sauder loader, JD 48 loader, Int. 2001 loader, Int. 1701 loader, Heston 30 hay mover, Ford 3 pt. wood saw, Hume reel attachment, Woods bale buster Shaver post driver, Schwartz hitchiker, golf cart, 3 pt. toolbar, (6) new boom poles, Int. C mower, Mc 29 mower, (3) JD 5 mowers, JD 9 3 pt. mower, JD 39 3 pt. mower, JD 8 mower, (2) JD 290 planters, JD 246 planter, Ford 2 row 3 pt. planter, JD 494A planter, (2) JD 495A planters, (2) AC 2x plow, AC 3x plow, AC 4x plow, Ford 3x 3 pt. plow, MF 2x 3 pt. trip plow, (2) Ford 2x 3 pt. plow, (2) 3x 3 pt. plow, (2) JD 2x pull plow, JD 3x pull plow, Int. 1x roll over plow, (4) Int. 2x pull plow, Int. 3x pull plow, Int. 3x FH plow, Int. 4x pull plow, Int. 4x automatic reset semi mount plow, (2) JD 3x 3 pt. plow, JD 4x 3 pt. reset, JD 4x pull, JD 4x semimount, JD 4x 3 pt., JD 5x semi mount, Oliver 2x pull, Oliver 4x 3 pt., Oliver 4x hyd. reset semi mount, Oliver 4x spring reset semi mount, (2) Oliver 5x semi mount, (2) Oliver 5x 18" semi mount, Oliver 5x semimount hyd. reset, (2) Oliver 6x semi mount, Case 5x pull type, Athens 7' 3 pt. chisel plow, Athens 10' 3 pt. chisel plow, Athens 7' pull type chisel plow, Athens 10' pull type chisel plow, Int. 12' pull type chisel plow, AC 15 tooth chisel plow, Int. 16' vibra shank cultivator, (3) Misc. 7 & 9 tooth chisel plows, Lely RH 250 Roterra like new, 12" posthole digger, potato planter, AC 3 pt. hay rake, JD 4 section rotary hoe on wheels, Case 4 section 3 pt. rotary hoe, Lilliston rotary hoe on wheels, near new, (2) JD 3 pt. flail mowers, Ford 3 pt. flail mowers, (3) pt. rotary mowers, 6' pull type rotary mower, 18' Bush Hog rotary mower, JD 14' rotary mower, Bush Hog rotary mower for AC G tractor, Sunmaster 7½' pull rotary mower, (7) 5' 3 pt. rotary mowers, (2) 5' pull rotary mowers, Howard 84" rotovator, Howard 100" rotovator, Long 60" rotovator, walk behind roto-tiller, Sidewinder rotovator, Brillion packer seeder, 3 pt. snow blower, NI 12 A spreader, late model NI PTO spreader, Oliver PTO spreader, NI fertilizer spreader, 3 pt. subsoiler, 3 tooth subsoiler pulltype, (4) 1 tooth pull type subsoiler, JD hay tedder, (2) JD 216 self unloading wagons w- roofs, (2) flat bed wagons, Kasen self unloading wagon, (2) Lamco 16' unloading wagons w- roofs, JD 214 self unloading wagon, Lamco 14' unloading wagon, extra heavy duty 22' flat wagon w- 8 tires, (12) 6 ton wagon gears, Gehl feed mixer wagon, Schwartz 190 feed mixer wagon.

AC Gleaner EIII Combine, AC A Combine, AC CII combine, JD 40 combine, (2) JD 45 combine, Int. 203 combine, Int. 403 combine, Int. 93 combine Int. 82 combine, MF 300 Combine, MF 410 combine, Int. 205 combine, JD 30 combine, most of above combines are equipped w- cabs, quite a few cornheads will be sold also.

22' aluminum dump trailer, (4) 2 axle tag-a-long trailers, (3) 3 axle tag-a-long trailers, 2 horse trailers, 40' flat bed trailer, motorcycle trailer, heavy duty snowmobile trailer, (3) 1968 Chevy C 60 dump trucks, 1969 Int. 10 wheel dump truck, 1969 Fiat 124 convertible, 1960 Chevy dump, (2) motorcycles, 1966 Mack C 600 diesel tandum dump.

This is just a partial listing - plan to attend this large sale-we welcome you as a buyer or seller.

Time Schedule:

9:30 AM machinery & combine sale starts
3:00 PM (approx) Industrial equipment
5:00 PM (approx) Farm tractors- sold inside heated bldg.

A few items subject to prior sale
More additions arriving daily
Sale conducted by
Wengers' Farm Machinery Inc
S Race St
Myerstown, Pa 17067
717-866-2138- (days) 717-866-7147 (nights)
Auctioneers. Blaine Rentzel, Curtis Howard, Paul Z. Martin, John Godley

Sale reports

he lot with a 2½ story me house, garage, cken house and corn crib s sold for $21,000 to Lee nedy of Airville, Pa.
ntiques sold included: 2 bedroom suites $285 & $180, China Closet $110, Spinning Wheel $165, Marble top stand $185 and wash stands $40 to $65.

Robert L. Sechrist was the auctioneer.

xxx

THOMPSON FARM

AUCTION

SATURDAY, JANUARY 15, 1977

11:00 A.M. SHARP
BY ORDER OF OWNER

- WILL BE SOLD -

124.9 ACRE FARM

Located 28 miles South of Lancaster, Pa., 24 miles from West Chester, Pa., 28 miles Northwest of Wilmington, Delaware, between exits 10 & 472 of New Route No. 1 By-Pass - & joins Oxford Boro, Oxford, Chester County, Pa. One mile from Lancaster County Line on Bell Bank Pine Street Road L.R. 15025.
(Once in a lifetime opportunity)

Old Fashioned Dairy Farm

No modern up to date bldgs.

108 Acres tillable - balance woods and pasture. Much more to be told - but come and see for yourselves.

Inspection - anytime from this date.
Not responsible for accidents.
Terms - 10 per cent down day of auction, balance in full on or before April 1, 1977.

Maud M. D. Thompson - Owner

Whiteside Auction Service 215-932-2291
Harry W. Whiteside - Auctioneer
John I. Watson - Attorney

Large Sign on Property!

A Public Sale of real estate was held on Dec. 4 by the New Holland Farmers National bank, trustee for William McWilliams, 1½ miles south of New Holland, Pa.

The Summitville Rd. property included 1.05 acres of land and a 1½ story frame dwelling and was sold for $26,000 to Arlin Kennel, Atglen.

Auctioneers were Robert E. Martin and Frank L. Stellar.

xxx

A Public Sale of 78 head of cows was held Dec. 6 by Longfellow Farms at Galena, Md. The owners were Robert W. Long, Jr. and William T. White.

The better cows sold from $500 to $860 and the other cows in various stages of lactation sold between $300 and $600.

Harry Rudnick & Sons, Sale Managers and Auctioneers.

xxx

A Public Auction of a country hardware store was held Dec. 4 by the Estate of Leon H. Gill in the village of Cochranville, Chester County, Pa. A large crowd of 700 to 800 people attended.

Items sold as follows: New Shotguns $110 to $140, Marwquette Power Twin Welder $190, Chain Saw $170, Power-Pac Wrench $22 and Riding Mower $410.

Harry W. Whiteside was the auctioneer.

xxx

A Public Sale of real estate and personal property was held Dec. 4 by John A. Hoffman, Jr., Executor of estate of Bessie S. Hoffman. Three hundred registered at the sale held 1 mile north of Duncannon, Perry County, Pa.

The 68 acre farm with 6 room house, bank barn, milkhouse, silo and other out-buildings sold for $84,000 and was purchased by John Rohrer and John C. Tasker of Duncannon, R. D., Pa.

Three of the Holstein cows sold for over $500, Timothy hay for $46 and Alfalfa Hay for $84 per ton. The Oliver 550 Utility tractor brought $2025 and a copper kettle sold for $110.

The auctioneer was Dean Shull.

xxx

A Pbulic Sale of a 16 acre farm, farm equipment and tools was held Dec. 1 by Moses and Martha Snader, 1½ miles south of New Holland, Lanc. Co., Pa.

The 16 acre farm sold for $124,600 and included a 2½ story frame house, a steer barn, tobacco shed, corn crib and one-car garage. The purchaser was Daniel Stoltzfus, New Holland, R. D. 3, Pa.

Other items auctioned were: Ford tractor $1310, manure spreader $620, two-row corn planter $510, disc harrow $550 and hay rake $400.

Nervin Z. Martin & Lewis B. Groff were the auctioneers.

xxx

HUNTERS SALE BARN, INC. held their weekly sale Monday, Dec. 6 at Rising Sun, Maryland.

STEERS: Good to Choice 29.00-33.00; Standard to Good 27.00-28.75.

HEIFERS: High Choice and Prime 600-1150 lb. 28.50-30.75.

FEEDER STEERS: Good to Choice 30.00-36.50; Standard to Good 27.50-29.75; Other 18.00-24.00.

BULLS: 700 lb. 21.50; 1190 lb. 30.00.

COWS: High Choice to Prime 23.00-24.75; Good to Standard 21.50-22.75; Utility 20.00-21.25; Cutters 18.75-20.00; Canners 16.00-18.50.

CALVES: High to Choice 55.00-60.00; Good to Choice 45.00-52.00; Standard to Good 38.00-44.00; Utility 25.00-28.00; Low Utility 18.00-24.00.

HOGS: (feeders) 18.00-24.00.

SOWS: 25.50.

BOARS: 22.75.

GOATS: (by the head) $15 to $22.

Sale Mgr. & Auctioneer was Norman E. Hunter.

xxx

SECHRIST SALES COMPANY, INC.
LIVESTOCK AUCTION
Stewartstown, Pa.
Dec. 6, 1976

CATTLE 155 Steers - High Choice and Prime absent, Good Choice 39.50-40.25, Good 38.75-39.25, Standard Good 36.00-37.50, Holsteins Good 34.50-35.75, Standard to Good 28.00-32.00. Heifers - High Choice and Prime absent, Good to Choice 34.00-34.75, Good 32.00-33.50, Standard Good 30.00-31.75, Holsteins Good 28.00-29.50, Standard Good 24.00-26.75. Feeder Steers - Good and Choice absent, Standard Good 34.00-35.75, Utility 28.00-32.00. Bulls - Good and Choice Commercial 38.00-39.25, Standard to Good 32.00-35.00, Utility to Standard 26.00-31.00. Cows - High Yearling Commercial 24.50-25.50, Cutters 23.00-24.25, Canners Low Cutters 20.00-22.50, Shells 14.00-19.00.

CALVES 148 Calves - Choice and Prime 60.00-66.00, Good and Choice 52.00-58.00, Standard and Good 45.00-50.00 Utility to Good 110-140 lbs. 40.00-44.00, Utility 90-110 lbs. 30.00-38.00, Culls 15.00-25.00.

HOGS 275 Hogs - U.S. No. 1 and 2, 190-220 lbs. 37.00-37.50, U.S. No. 1 and 3, 190-230 lbs. 36.50-36.75, U.S., No. 1 and 3, 180-250 lbs. 36.00-36.25. Sows 250-375 lbs. 30.00-33.00, 400-500 lbs. 28.00-29.50, Boars 300-500 lbs. 22.00-24.00.

SHEEP 6 Lambs Good to Choice 40.00-45.00, Medium and Good 28.00-35.00. Ewes 8.00-17.00.

Private Treaty Fat Hogs, Select No. 1 and 2, 190-215 lbs. 36.75-37.50.

Private Treaty Fat Hogs, No. 1 and 2, 190-220 lbs. 36.25-36.50.

Private Treaty Fat Hogs, No. 1 and 3, 190-220 lbs. 36.00-36.10.

$$$ $AVE $$$

PUBLIC AUCTION
EVERY WEDNESDAY,
6:00 PM

Full line of furniture, antiques and misc. & collectibles.

BARR'S AUCTION & EXCHANGE
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New Furniture Outlet Open 9-8 Daily

Orthopedic box springs and mattresses, bedroom and living room suites. 20, 30 & 40 per cent cash discounts.

"Estate Specialists"

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WELCOMES YOU TO THEIR ANNUAL

CHRISTMAS PARTY AND SALE

FRIDAY NITE, DEC. 17

50 HEAD TOP QUALITY COWS

Wisconsin-Canadian-New York State
Pure Breds & Grades
Pure Bred Stock Bulls - 1st Calf Heifers

DOOR PRIZES

FREE HOT DOGS

TURKEYS

CHRISTMAS PRESENTS FOR ALL BUYERS
FROM TURKEYS TO ELECTRIC RAZORS

We'll Be Looking For You.

For additional information on Bloodlines and Production, call Thursday, December 16 (717) 569-2106.

Sale held at the Black & White Holstein Farm located just West of Lancaster, Pa. on Dairy Lane. Exit 283 West of Lancaster at Flory's Mill Rd., turn left and then right around mill to farm.

SCOTT ADCOCK Auctioneer
HENRY KETTERING: Pedigrees
PARK MYERS, Sales Manager
ROBERT LAWRENCE, Cashier

CHARLES C. MYERS
717-569-2106
or 717-569-6800

PIGS

State Graded Sale

"ONE"
"WEEK"
"EARLY"
"FRI. DEC. 17"
At
1:30 P.M.

MERRY CHRISTMAS
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WESTMINSTER LIVESTOCK AUCTION
Westminster, Md.
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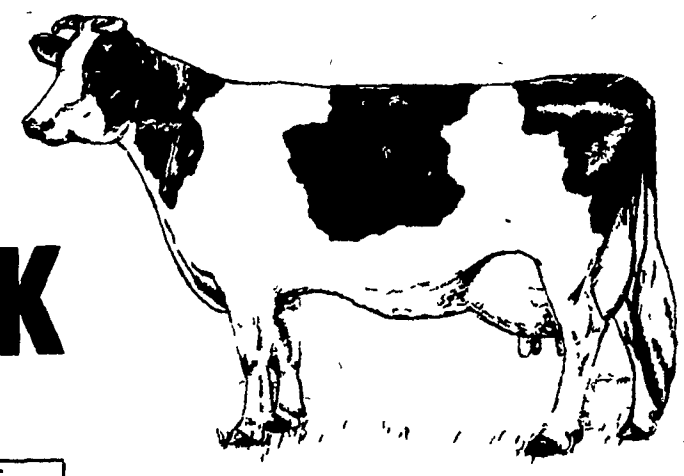
TEST COW CHOW

WITH EXTRA ENERGY

MAKES MORE MILK



TEST GROUP NO. 1 (MATURE COWS ONLY)

TEST COW LACTATION		PREVIOUS LACTATION-REGULAR FEED	
LBS. OF MILK	BUTTER FAT	LBS. OF MILK	BUTTER FAT
22,290	656	17,052	789
21,583	740	13,271	522
21,881	797	12,669	544
19,278	679	15,730	549
18,073	556	17,051	630
18,548	616	18,017	727
18,357	662	11,663	469
17,248	554	13,293	447
17,322	674	13,824	655
16,090	575	15,808	610
15,353	584	9,567	274
14,046	499	12,846	472
14,637	690	13,953	631
14,165	562	11,379	476
AVERAGE			
17,776 LBS. MILK	631 LBS. FAT	14,008 LBS. MILK	556 LBS. FAT

IMPROVEMENT WITH TEST COW

3,768 LBS. MILK **75** LBS. FAT

TEST GROUP NO. 2 (MATURE COWS ONLY)

TEST COW LACTATION		PREVIOUS LACTATION-REGULAR FEED	
LBS. OF MILK	BUTTER-FAT	LBS. OF MILK	BUTTER FAT
23,100	858	25,520	842
21,075	695	13,393	474
21,391	682	19,566	686
20,566	702	16,390	641
19,716	565	17,079	602
18,406	679	16,048	571
18,502	606	12,798	398
18,380	544	17,401	587
18,814	702	14,902	550
18,010	660	17,278	652
17,591	614	19,561	743
17,701	639	13,033	483
16,112	598	13,345	537
16,770	547	14,687	505
16,928	591	16,450	626
16,836	598	11,178	440
16,027	607	10,895	465
15,783	525	16,356	577
15,316	600	12,510	459
15,276	566	12,300	451
15,835	528	15,676	551
15,311	593	13,819	592
14,937	519	12,641	493
13,018	500	11,670	463
12,942	552	10,013	422
12,958	475	10,065	362
12,884	514	16,972	523
11,504	447	11,133	446
AVERAGE			
16,845 LBS. MILK	596 LBS. FAT	14,738 LBS. MILK	540 LBS. FAT

IMPROVEMENT WITH TEST COW

2,107 LBS. MILK **56** LBS FAT

TEST GROUP NO. 3 (MATURE COWS ONLY)

TEST COW LACTATION		PREVIOUS LACTATION-REGULAR FEED	
LBS. OF MILK	BUTTER-FAT	LBS. OF MILK	BUTTER FAT
20,275	708	20,235	776
19,505	688	16,117	590
18,698	579	15,400	569
18,261	715	17,573	763
18,011	643	RECORD NOT AVAILABLE	
18,539	750	17,269	651
18,489	715	16,185	666
18,953	620	14,071	519
17,457	491	14,676	473
17,667	661	RECORD NOT AVAILABLE	
17,383	592	18,267	679
17,707	581	18,125	613
17,194	623	18,534	657
16,081	603	15,641	575
16,830	581	15,739	561
16,631	660	16,136	631
16,998	720	13,877	608
15,933	539	15,223	578
14,886	664	15,417	638
13,706	486	17,628	665
13,541	479	13,009	581
AVERAGE			
17,274 LBS. MILK	624 LBS. FAT	16,270 LBS. MILK	620 LBS. FAT

IMPROVEMENT WITH TEST COW

1,004 LBS. MILK **4** LBS. FAT

FOR TOP PERFORMANCE FROM YOUR COWS

Feed TEST COW CHOW Complete or HI-OCTANE 36 + Your Grain

MAIL TO: **PURINA** Box 266S, c-o Lancaster Farming Lititz, PA 17543

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Wenger's Feed Mill Inc.
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RHEEMS

John J. Hess, II, Inc.
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